Redmond Paired Watershed Study

Water Year 2023 Data Summary Report

Prepared for
City of Redmond

Prepared by
Herrera Environmental Consultants, Inc.

HERRERA
Science + Planning + Design

Redmond Paired Watershed Study

Water Year 2023 Data Summary Report

Prepared for
City of Redmond
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Redmond, Washington 98052

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Introduction

The Redmond Paired Watershed Study (RPWS) is one of several effectiveness monitoring studies that was selected for implementation starting in 2014 for the Stormwater Action Monitoring (SAM) program for Puget Sound. The goal of effectiveness monitoring under the SAM program is to provide widely applicable information for improving stormwater management in the region. Phase I and Phase II Municipal Stormwater Permittees in the Puget Sound Region contribute to a Pooled Stormwater Resources Fund that supports the SAM program and associated effectiveness monitoring studies. Selection of the RPWS for implementation under the SAM program was made based on a monitoring proposal that was presented to permittee representatives at workshops that were held on March 20, 2014, and May 6, 2014. The specific study question to be addressed through the RPWS is as follows:

> ***How effective are watershed rehabilitation efforts at improving receiving water conditions at the watershed scale?***

To address this study question, a conceptual experimental design for the RPWS was subsequently developed and summarized in the *Redmond Paired Watershed Study Experimental Design Report* (Herrera 2015a). This conceptual experimental design was informed by a literature review (Herrera 2015b) that was conducted to identify lessons learned from past studies that have been implemented to achieve similar objectives. The conceptual experimental design was also developed based on input from a technical advisory committee (TAC) that was formed for the study. This TAC currently includes representation from the following jurisdictions and agencies:

City of Redmond

City of Kirkland

City of Seattle

City of Tacoma

King County

US Geological Survey

Washington State Department of Ecology (Ecology)

Building on this previous work, a Quality Assurance Project Plan (QAPP) was developed to guide the implementation of all subsequent phases of the RPWS (Herrera 2015c). This QAPP documents the experimental design and procedures that will be used during data collection, processing, and analysis to ensure all results obtained for the RPWS are scientifically defensible.

Monitoring pursuant to this QAPP initiated in 2016 and is anticipated to continue for a 10-year time frame. Data summary reports are being prepared on an annual basis over this period to summarize compiled monitoring data collected through each of the major components of the RPWS. These reports also document any quality assurance issues associated with these data and resultant limitations (if any) on their use or interpretation. Finally, these reports document all rehabilitation efforts that have been implemented by the City of Redmond (City) or King County (County) over the previous year. Included is detailed information on the design and operational status of structural stormwater controls and the frequency and geographic extent of nonstructural stormwater control implementation. Each annual data summary report documents this information based on monitoring that was conducted over the previous water year (i.e., October through September). Data summary reports (Herrera 2017, 2018, 2019, 2020a, 2021a, 2023a, 2023b) were prepared previously for data collected over water year (WY) 2016 through WY2022.

In years 4, 8, and 10 of the RPWS' implementation, trend analyses reports are also being prepared as companion documents to the data summary reports described above (note WY2023 represents year 8 of the RPWS' implementation). These reports summarize the results of statistical analyses that are performed on the compiled data from all previous years of monitoring to detect potential relationships between rehabilitation efforts and improved receiving water conditions. Each report also presents major conclusions from these analyses. A trend analysis report (Herrera 2020b) was prepared following year 4 of the RPWS' implementation.

This document represents the data summary report for monitoring that occurred over WY2023 for the RPWS. It is organized to include the following sections:

- Background: An explanation of why the project is needed.
- Experimental Design: The sampling process design for the study, including sample types, monitoring locations, and sampling frequency.
- Monitoring Procedures: A description of any major deviations from the monitoring procedures that were identified in the QAPP for the study (Herrera 2015c).
- Rehabilitation Effort Summary: A description of all watershed rehabilitation efforts that were implemented by the City or County over WY2023 and previous water years.
- Monitoring Results Summary: A summary of compiled monitoring data collected through each of the major components of the study.

Background

Municipal Stormwater Permits are issued by Ecology to regulate discharges from separated storm sewers owned or operated by Phase I and Phase II cities and counties. The Municipal Stormwater Permits establish the minimum requirements for permittees to address existing and future impacts to receiving waters from urbanization. Municipal Stormwater Permits require cities and counties to execute programmatic (nonstructural) activities and establish design standards for stormwater structural controls triggered by development and redevelopment (onsite stormwater management, runoff treatment, and flow control facilities). Ideally, if all developed land in a watershed is equipped with nonstructural and structural stormwater controls, the receiving water would be protected from hydrologic and water quality impacts caused by urbanization. However, while the effectiveness of nonstructural and structural controls has been well documented at the site and parcel scale, limited data exists on the effectiveness of these controls in aggregate for improving conditions in receiving waters at the watershed scale (Herrera 2015b).

In February 2014, Ecology expressed their support for a Citywide Watershed Management Plan (WMP) (Herrera 2013) that coordinates stormwater management efforts from the Municipal Stormwater Permit, Section 303(d) of the Clean Water Act, and salmon recovery to allow use of a watershed approach for improving receiving water conditions. Through the implementation of this WMP, the City will focus stormwater best management practices (BMPs) in a subset of priority watersheds that are moderately impacted by urbanization and therefore expected to respond more quickly to rehabilitation efforts. This provides a unique opportunity to study the effectiveness of stormwater BMPs for improving receiving water conditions on an accelerated time frame and at a watershed scale. Recognizing this opportunity, the City is implementing the RPWS to quantify improvements in receiving water conditions with support from the SAM program.

Experimental Design

As described in the Introduction to this report, the specific study question to be addressed through the RPWS is as follows:

> *How effective are watershed rehabilitation efforts at improving receiving water conditions at the watershed scale?*

In this context, rehabilitation efforts could include any of the following practices:

- Stormwater management retrofits in upland areas that could include facilities for onsite stormwater management (e.g., low impact development [LID] practices, runoff treatment, and flow control)
- Onsite stormwater management facilities required due to Municipal Stormwater Permit requirements for development and redevelopment
- Riparian and in-stream habitat improvements
- Programmatic practices for stormwater management

To answer the study question identified above, the experimental design for the RPWS has two primary components:

- Status and Trends Monitoring: Routine and continuous measurements of various hydrologic, chemical, physical habitat, and biological indicators of stream health over an extended time frame to quantify improvements in receiving water conditions in response to watershed rehabilitation efforts.
- Effectiveness Monitoring: Measurements of hydrologic and chemical parameters over a relatively short time frame to document the effectiveness of specific structural stormwater controls that have been constructed to improve receiving water conditions.

The Status and Trends Monitoring utilizes a "paired watershed" experimental design that involves collecting these measurements in seven watersheds categorized as follows:

- Three "Application" watersheds with wadeable lowland streams that are moderately impacted by urbanization and prioritized for rehabilitation efforts.
- Two "Reference" watersheds with relatively pristine wadeable lowland streams that do not require rehabilitation.
- Two "Control" watersheds with wadeable lowland streams that are significantly impacted by urbanization and not currently prioritized for rehabilitation.

Table 1 identifies the name, predominant land use/cover, and size of each watershed; the location of all the watersheds is shown in Figure 1. A detailed summary of conditions within each watershed is also provided in the QAPP that was prepared for the study (Herrera 2015c) with information on planned rehabilitation efforts in the Application watersheds as applicable.

Table 1. Application, Reference, and Control Watersheds for the Redmond Paired Watershed Study.

Watershed Name	Watershed Type	Dominant Land Use/Cover	Watershed Total Area (acres)	Watershed Area Inside Redmond (acres)
Evans Creek Tributary 108	Application	Residential	397	0[a]
Monticello Creek	Application	Residential/Commercial	345	264
Tosh Creek	Application	Residential/Commercial	299	276
Colin Creek[a]	Reference	Forest	1,990	90
Seidel Creek[a]	Reference	Forest	1,188	615
Country Creek	Control	Residential/Commercial	212	212
Tyler's Creek	Control	Residential/Commercial	168	167

[a] Watershed is in unincorporated King County.

Fixed monitoring stations were established in each watershed for monitoring various indicators of stream health. Due to the scale of the RPWS and the anticipated lag between applying stormwater controls and resultant improvements in receiving water conditions, quantifying a cause and effect relationship between these events may take many years. Therefore, monitoring at the fixed monitoring stations will occur over an anticipated 10-year time frame. Furthermore, because the effectiveness of watershed rehabilitation practices (e.g., stormwater retrofits, instream habitat improvements, and programmatic practices) may vary for different types of receiving water impairments, a broad suite of indicators for assessing potential improvements are being monitored within the following categories: hydrologic, water quality, physical habitat, sediment quality, and biological. The pattern of interest will be evidence that receiving water conditions are improving based on one or more of these indicators in the Application watersheds while conditions in the Reference and Control watersheds remain relatively static.

The following subsections provide more detailed information on the Status and Trends Monitoring and Effectiveness Monitoring, respectively, as originally defined in the QAPP that was prepared for the study (Herrera 2015c) including the monitoring stations, measurement frequency, indicators, and data analysis methods where applicable. Deviations from these monitoring procedures that took place in WY2023 are noted in a subsequent section.

Monticello Creek

Tylers Creek

Sammamish River

Bear Creek

Evans Creek

(see note in legend)

Tosh Creek

Country Creek

Lake Sammamish

Colin Creek

Seidel Creek

Mackey Creek

Figure 1. Application, Reference, and Control Watersheds.

City of Redmond, Washington

06/18/2015

N

0 0.25 0.5 1 1.5 Miles

CityofRedmond WASHINGTON

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Legend

- Class I Stream
- Class II Stream
- Class III Stream
- Class IV Stream
- City Limits
- Reference Watersheds
- Application Watersheds
- Control Watersheds

This figure shows Evans Creek watershed within Redmond. Evans 108 is east of Redmond and illustrated in Figure 2.

Status and Trends Monitoring

This section describes the monitoring stations, measurement frequency, indicators, and data analysis methods that will be used for the Status and Trends Monitoring component of the RPWS. This information is organized under separate subsections for the following monitoring categories: hydrologic, water quality, physical habitat, sediment quality, and biological. The specific indicators of stream health that are evaluated in these categories are also summarized in Table 2 with their associated measurement frequency. Note significant changes to the experimental design for the Status and Trends Monitoring were made in WY2023 relative to the original QAPP. These changes are described in detail in the Monitoring Procedures section (page 29).

Table 2. Indicators of Stream Health for the Redmond Paired Watershed Study.

Indicator	Measurement Frequency
Hydrology Monitoring	
Flow	Continuous
High pulse count High pulse duration High pulse range Low pulse count Low pulse duration Low pulse range Flow reversal Richards-Baker (RB) flashiness index Flashiness ($T_{Q\ Mean}$) Storm flow volume Base flow volume Total flow volume	Post-processed from continuous flow measurements
Water Quality Monitoring	
Total suspended solids Turbidity Conductivity Hardness Dissolved organic carbon Fecal coliform bacteria Total phosphorus Total nitrogen Copper, total and dissolved Zinc, total and dissolved	Twelve grab samples collected annually during storm events (three each quarter) Four grab samples collected annually during base flow (one each quarter)
Temperature Conductivity	Continuous

Table 2 (continued). Indicators of Stream Health for the Redmond Paired Watershed Study.	
Indicator	**Measurement Frequency**
Physical Habitat Monitoring	
Bed stability Channel dimensions Fish cover Habitat dimensions Habitat unit extents Large woody debris Riparian cover Riparian Disturbance Riparian vegetation structure Sinuosity Substrate	Annually through WY2021; every other year thereafter
Sediment Quality Monitoring	
Total organic carbon; sieved, 2 mm Copper; sieved, 63 µm Zinc; sieved, 63 µm Polycyclic aromatic hydrocarbons; sieved, 2 mm Phthalates; sieved, 2 mm	Annually through WY2021; every other year thereafter
Biological Monitoring	
Benthic macroinvertebrates	Annually
Benthic Index of Biotic Integrity Taxa Richness Ephemeroptera Richness Plecoptera Richness Trichoptera Richness Clinger Percent Long-Lived Richness Intolerant Richness Percent Dominant Predator Percent Tolerant Percent	Post-processed from benthic macroinvertebrate data

µm = micrometers

mm = millimeters

Hydrologic Monitoring

A total of 14 fixed monitoring stations were established at the onset of the study to facilitate hydrologic monitoring in each of the study watersheds. Starting in WY2023, monitoring has occurred at 12 fixed monitoring stations; see further explanation in the Monitoring Procedures section (page 29). As noted in the literature review (Herrera 2015b) that was performed to inform the experimental design for the RPWS, numerous studies have been conducted with similar goals, but they have generally been conducted at the subbasin scale. In these studies, a hydrologic monitoring station was typically located at the outlet of the study subbasin. Therefore, efforts were made to establish hydrologic monitoring stations at the outlet of each of the study watersheds. However, because the watersheds are relatively large and because much of the rehabilitation will occur in the upper reaches of the Application watersheds, efforts were made to establish hydrologic monitoring stations at a mid-point location in each of the study watersheds as well. This goal could not be achieved for all study watersheds due to issues relating to their size and drainage patterns. The following deviations are specifically noted:

- Monticello Creek has two major tributaries that will be the target of rehabilitation efforts; therefore, three hydrologic monitoring stations were established in the watershed at the outlet and on each of the tributaries.
- The relatively pristine reach of Colin Creek that was identified for monitoring is confined to the Redmond Watershed Preserve Park. Because the watershed area within this park is relatively small, only one hydrologic monitoring station was established in this watershed.
- The relatively pristine reach of Seidel Creek that was identified for monitoring is confined to the Redmond Watershed Preserve Park. Within this area, two major tributaries of the creek flow into a large wetland complex near the border of the park. To avoid confounding hydrologic and water quality influences from this wetland, hydrologic monitoring stations were established on each tributary; and no outlet station was identified.

In addition to these considerations, the specific location of each monitoring station was also influenced by safety and property access issues. The monitoring stations established in each of the study watersheds are as follows:

Application Watersheds

- Evans Creek Tributary 108: Two stations designated Lower Stream Station (EVALSS) and Midstream Station (EVAMS), respectively (see locations in Figure 2). Evans Creek was dropped from the study in WY2022; see further explanation in the Monitoring Procedures section (page 29).
- Monticello Creek: One station at the mouth designated Mont-Mouth (MONM); one station at the approximate midpoint of the watershed on the north tributary designated Mont–Mid-N (MONMN); and one station at the approximate midpoint of the watershed on the south tributary designated Mont–Mid-S (MONMS) (see locations in Figure 3).
- Tosh Creek: One station at the mouth designated Tosh-Mouth (TOSMO); and one station at the approximate midpoint of the watershed designated Tosh-Mid (TOSMI) (see locations in Figure 4).

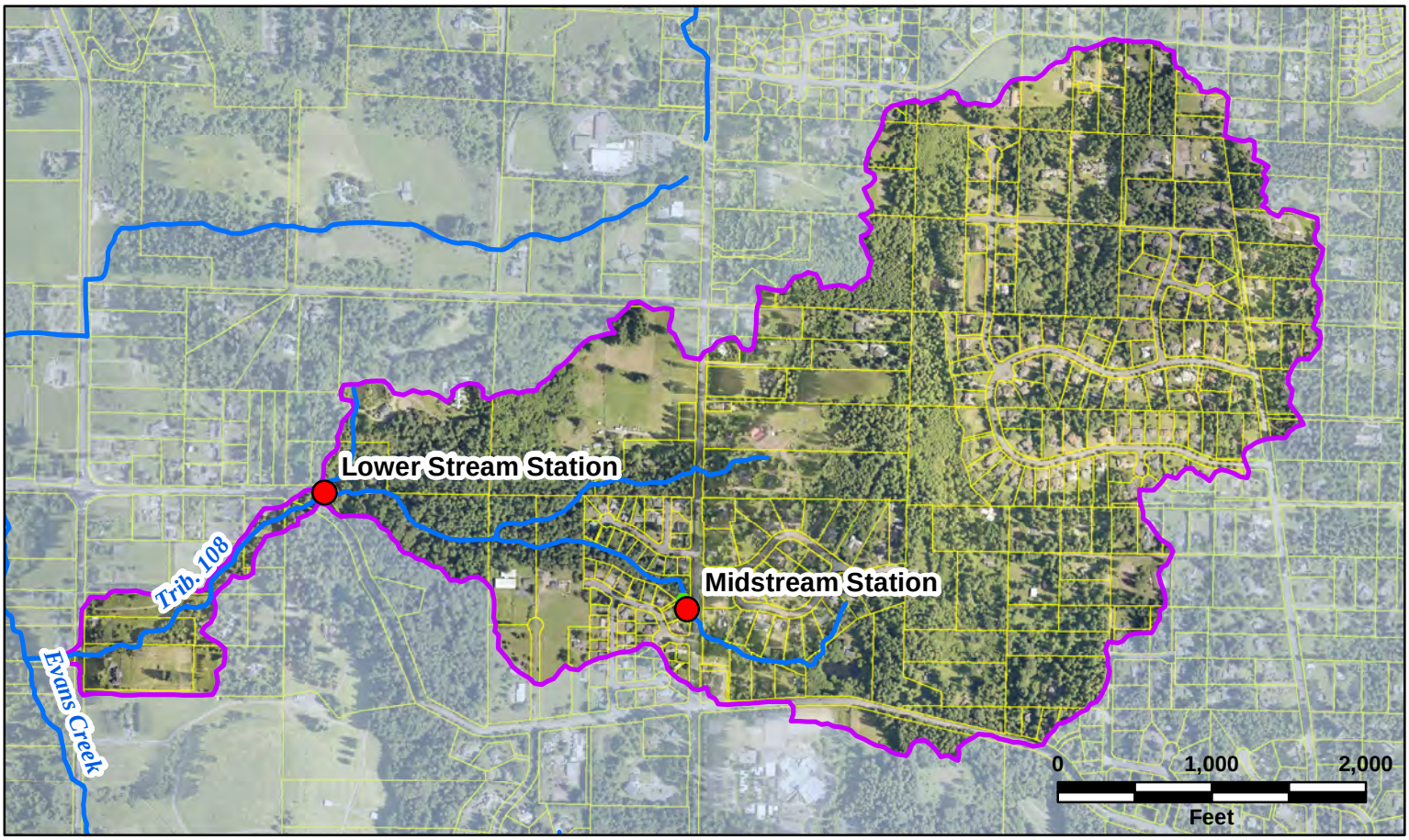





Figure 2. Evans Trib. 108 Paired Watershed Study Monitoring Locations.

King County, Washington

Dec. 17, 2015

Flow and WQ Monitoring

Habitat, Biological, and Sediment Monitoring

Streams and Rivers

King County Parcels

Basin Boundary

King County
Department of Natural Resources and Parks
Water and Land Resources Division

klinkat \\dnrp1\projects\WLRD\15076\Trib108_8x11.mxd

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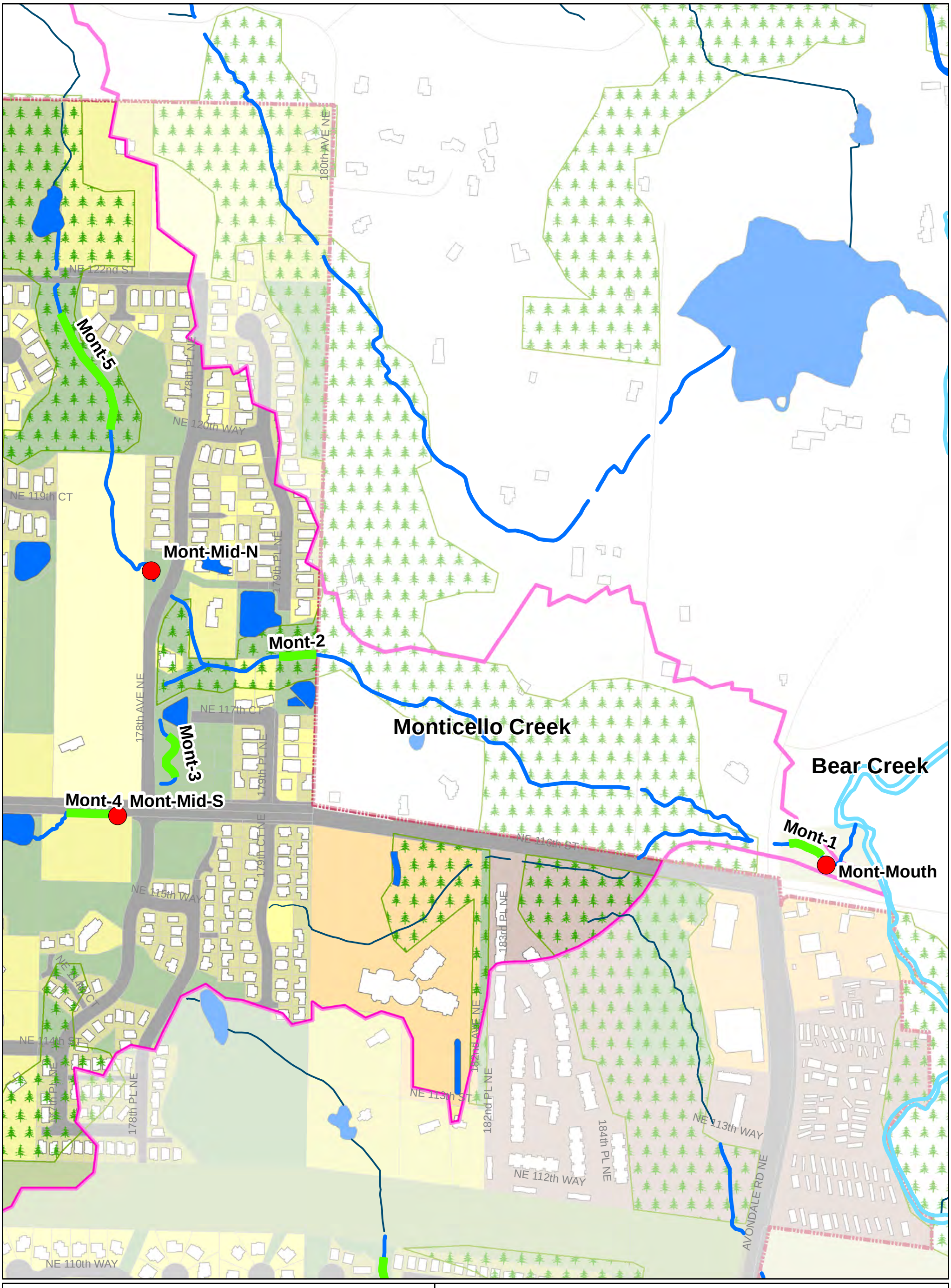

Figure 3. Monticello Creek Paired Watershed Study Monitoring Locations.

City of Redmond, Washington

6/25/2015

N

0 0.0375 0.075 0.15 Miles

CityofRedmond WASHINGTON

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Legend

- Class I Stream
- Class II Stream
- Class III Stream
- Class IV Stream
- Ponds
- City Limits
- Watershed Boundary
- Commercial
- Industrial
- Multifamily
- Park / Undeveloped
- Public ROW
- Single Family HighDensity
- Single Family Low Density
- Single Family Medium Density
- Single Family Rural Density
- Flow & WQ Monitoring
- Habitat, Sediment & Biological Monitoring

Figure 4. Tosh Creek Paired Watershed Study Monitoring Locations.

City of Redmond, Washington

11/22/2013



0 0.0375 0.075 0.15 Miles

CityofRedmond
WASHINGTON

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- Public ROW
- Single Family HighDensity
- Single Family Low Density
- Single Family Medium Density
- Single Family Rural Density
- Hydrology & WQ Monitoring
- Physical Habitat, sediment & B-IBI Monitoring

Reference Watersheds

- Colin Creek: One station at the approximate midpoint of the watershed designated Colin-Mid (COLM) (see locations in Figure 5).
- Seidel Creek: One station at the approximate midpoint of the watershed on the north tributary designated Seidel-Mid-N (SEIMN); one station at the approximate midpoint of the watershed on the south tributary designated Seidel-Mid-S (SEIMS) (see locations in Figure 6).

Control Watersheds

- Country Creek: One station at the mouth designated Country-Mouth (COUMO); and one station at the approximate midpoint of the watershed designated Country-Mid (COUMI) (see locations in Figure 7).
- Tyler's Creek: One station at the mouth designated Tylers-Mouth (TYLMO); and one station at the approximate midpoint of the watershed designated Tylers-Mid (TYLMI) (see locations in Figure 8).

Continuous flow monitoring was originally planned to occur at all 14 monitoring stations for the duration of the RPWS; however, monitoring at the stations located in the Evans Creek watershed was suspended after WY2021 (see more detailed discussion in the Monitoring Procedures section). Data from the continuous flow monitoring are processed to calculate the following indicators for evaluating hydrologic impacts from urban development as described in DeGasperi et al. (2009):

- **High flow pulse:** Occurrence of daily average flows that are equal to or greater than a threshold set at twice (two times) the long-term daily average flow rate.
  - *High pulse count*: Number of days each water year that discrete high flow pulses occur.
  - *High pulse duration*: Annual average duration (in days) of high flow pulses during a water year.
  - *High pulse range*: Range in days between the start of the first high flow pulse and the end of the last high flow pulse during a water year.
- **Low flow pulse:** Occurrence of daily average flows that are equal to or less than a threshold set at 50 percent of the long-term daily average flow rate.
  - *Low pulse count*: Number of times each calendar year that discrete low flow pulses occurred.
  - *Low pulse duration*: Annual average duration (in days) of low flow pulses during a calendar year.
  - *Low pulse range*: Range in days between the start of the first low flow pulse and the end of the last low flow pulse during a calendar year.
- **Flow Reversal:** The number of times that the flow rate changed from an increase to a decrease or vice versa during a water year. Flow changes of less than 2 percent are not considered.
- **Richards-Baker (RB) flashiness index:** A dimensionless index of flow oscillations relative to total flow based on daily average discharge measured during a water year.
- **Flashiness ($T_{Q\ Mean}$):** The fraction of a year that mean daily discharge exceeds annual mean discharge.
- **Storm flow volume:** Total discharge volume during storm events over a water year.
- **Base flow volume:** Total discharge volume during base flow over a water year.
- **Total flow volume:** Total discharge volume over a water year.

Colin Creek

Colin-1

Colin-Mid

Redmond Watershed Preserve Park

Figure 5. Colin Creek Paired Watershed Study Monitoring Locations.

City of Redmond, Washington

6/25/2015

N

0 0.0325 0.065 0.13 Miles

CityofRedmond
WASHINGTON

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- Industrial
- Multifamily
- Park / Undeveloped
- Public ROW
- Single Family HighDensity
- Single Family Low Density
- Single Family Medium Density
- Single Family Rural Density
- Flow & WQ Monitoring
- Habitat, sediment & Biological Monitoring

Seidel-1

Seidel-2

Seidel-Mid-N

Seidel Creek

Redmond Watershed Preserve Park

Seidel-3

Seidel-Mid-S

Figure 6. Seidel Creek Paired Watershed Study Monitoring Locations.

City of Redmond, Washington

11/22/2013

N

CityofRedmond
WASHINGTON

0 0.05 0.1 0.2 Miles

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- Habitat, Sediment & Biological Monitoring

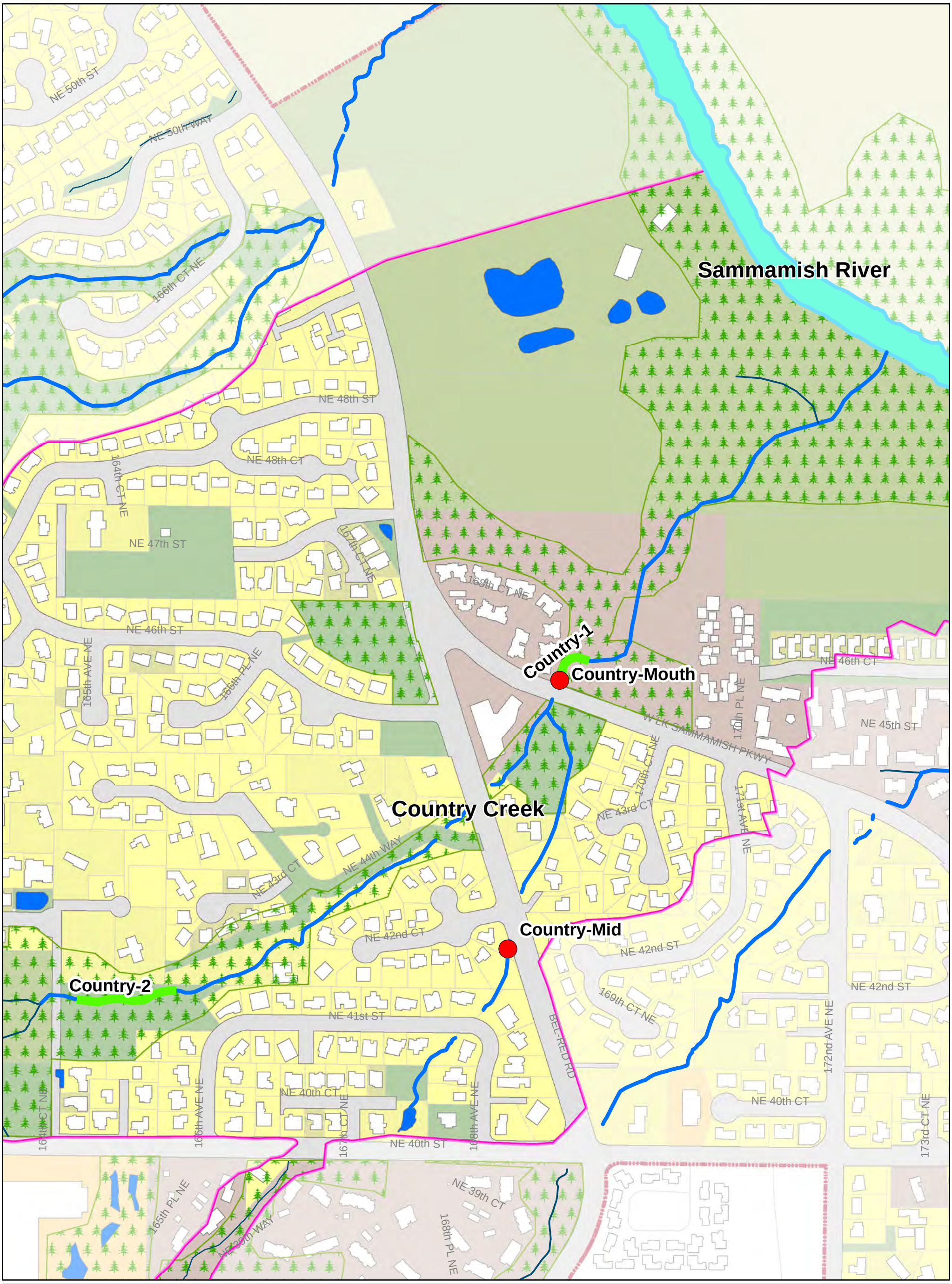

Figure 7. Country Creek Paired Watershed Study Monitoring Locations.

City of Redmond, Washington

6/25/2015

N

0 0.0325 0.065 0.13 Miles

CityofRedmond WASHINGTON

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- Single Family Rural Density
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- Habitat, Sediment, & Biological Monitoring

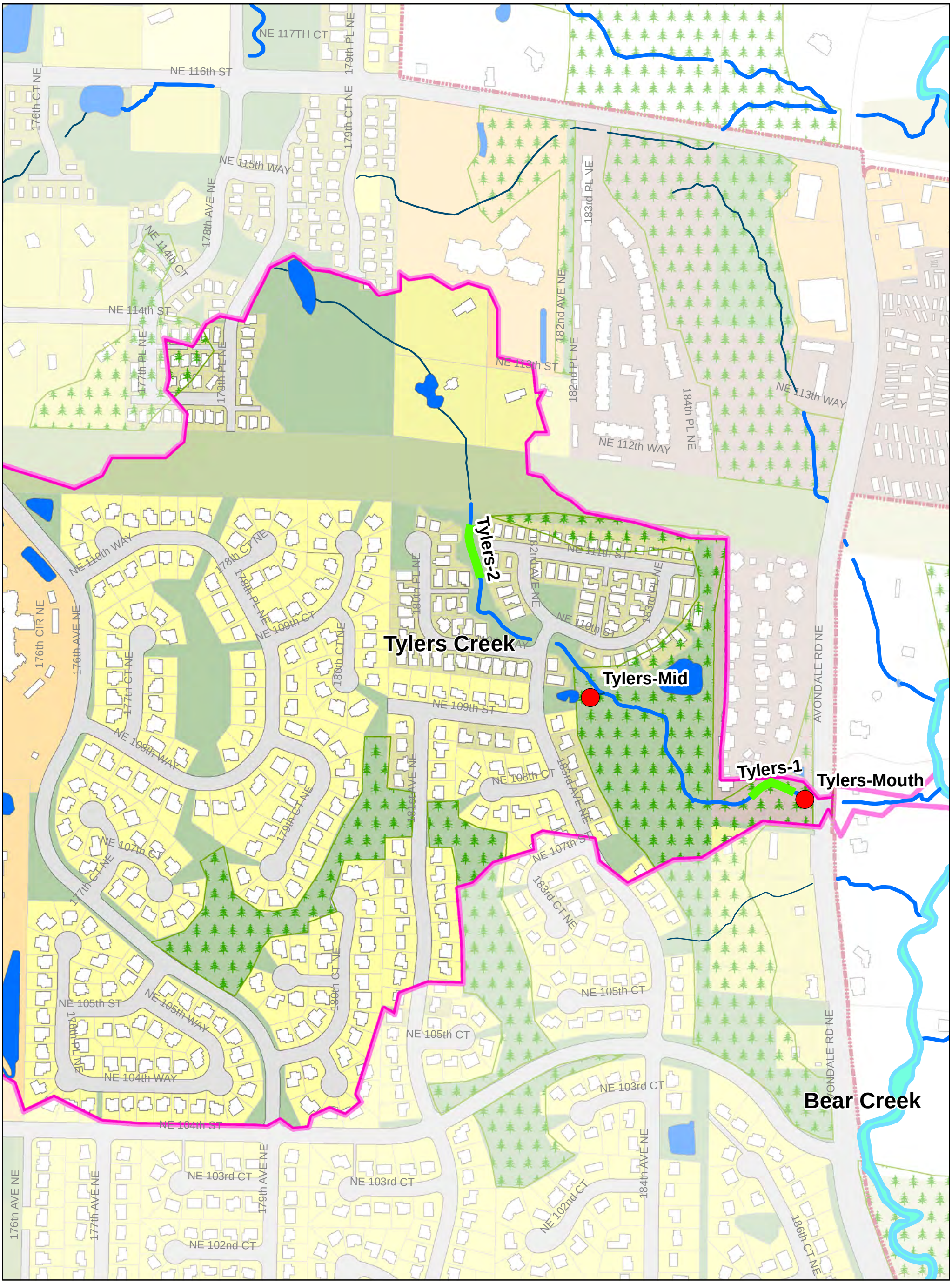

Figure 8. Tyler's Creek Paired Watershed Study Monitoring Locations.

City of Redmond, Washington

6/25/2015

N

0 0.0375 0.075 0.15 Miles

CityofRedmond WASHINGTON

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- Public ROW
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- Single Family Low Density
- Single Family Medium Density
- Single Family Rural Density
- Flow & WQ Monitoring
- Habitat, Sediment & Biological Monitoring

Trends over time at each monitoring station are evaluated using parametric (Pearson's r) and nonparametric (Kendall's tau or Spearman's rho) tests of correlation between these indicators and time. Statistical significance of the correlation coefficients is evaluated based on an α-level of 0.05 for a one-tailed test. The pattern of interest is evidence that receiving water conditions are improving based on the detection of statistically significant trends in the data for one or more of these indicators in the Application watersheds while these same trends are not detected in the data for the same indicators in the Reference and Control watersheds.

Water Quality Monitoring

A total of 14 fixed monitoring stations were established at the onset of the study to facilitate water quality monitoring in each of the study watersheds. Starting in WY2022, monitoring has occurred at 12 fixed monitoring stations; see further explanation in the Monitoring Procedures section (page 29). These stations were co-located with the monitoring stations described above for hydrologic monitoring (see Figure 2 through Figure 8). Twelve grab samples are collected annually during storm events (three each quarter) at each of the monitoring stations for the duration of the RPWS. In addition, four grab samples are also collected annually during base flow (one each quarter) at these stations. Each sample is analyzed for the following indicators for evaluating water quality impacts from urban development:

- Total suspended solids
- Turbidity
- Conductivity
- Hardness
- Dissolved organic carbon
- Fecal coliform bacteria
- Total phosphorus
- Total nitrogen
- Copper, total and dissolved
- Zinc, total and dissolved

In addition, *in situ* probes are used to continuously measure temperature at each station and conductivity at the following subset of stations: EVALSS, EVAMS, MONM, MONMS, TOSMO, SEIMN, SEIMS, COUMO, and TYLMO.

Trends over time at each monitoring station are evaluated using parametric (Pearson's r) and nonparametric (Kendall's tau or Spearman's rho) tests of correlation between these indicators and time. Where possible, variation in the indicator data related to changes in stream flow is removed prior to performing the correlation analyses using methods described in Helsel and Hirsch (2002). Use of these methods is generally applicable for indicators that tend to increase (or decrease) as a function of flow (e.g., total suspended solids). By removing this variation, trends in the indicator data can be more readily

detected in the correlation analyses. In all cases, statistical significance of the correlation coefficients is evaluated based on an α-level of 0.05 for a one-tailed test.

The sample frequency identified above for water quality monitoring was evaluated using power tests that were performed for totals suspended solids and total zinc. Power tests are used to determine the probability of detecting a trend given: 1) sample size, 2) the desired α-level, 3) magnitude of the trend, and 4) amount of variation within the data. With 16 samples collected annually (12 samples during storm events and 4 samples during base flow) over a 10-year period and a desired α-level of 0.05, results from these tests showed there was a 66 to 100 percent probability of detecting a 4 milligram per liter (mg/L) decrease in total suspended solids concentrations depending on the variability that is assumed for the data and characteristics of the trend over time (i.e., linear or non-linear). These same tests showed there is a 38 to 100 percent probability of detecting a 2 microgram per liter (µg/L) decrease in total zinc concentrations. Results from these tests are documented in the QAPP that was prepared for the study (Herrera 2015c).

Annual mass load estimates are also be derived for the following subset of indicators using the nonparametric "smearing" approach described in Helsel and Hirsch (2002): total suspended solids, total phosphorus, total nitrogen, total copper, and total zinc. Trends over time at each monitoring station is again evaluated using parametric (Pearson's r) and nonparametric (Kendall's tau or Spearman's rho) tests of correlation between these mass load estimates and time. Statistical significance of the correlation coefficients is evaluated based on an α-level of 0.05 for a one-tailed test. These analyses are used to detect potential improvements in receiving water conditions from the combined effects of improved water quality and reduced stormwater runoff.

In all cases, the pattern of interest is evidence that receiving water conditions are improving based on the detection of statistically significant trends in the data for one or more of these indicators in the Application watersheds while the same trends are not detected in the data for the same indicators in the Reference and Control watersheds.

Physical Habitat Monitoring

A total of 19 fixed monitoring stations were established to facilitate physical habitat monitoring in each of the study watersheds. Starting in WY2022, monitoring has occurred at 17 fixed monitoring station; see further explanation in the Monitoring Procedures section (page 29). As described in the literature review (Herrera 2015b) that was performed to inform the experimental design for the RPWS, most past studies that have been performed to assess physical habitat response to watershed rehabilitation were conducted in reaches where channel rehabilitation measures were directly applied. Consequently, they were designed to only assess the localized effects of these efforts. The RPWS involves both localized channel rehabilitation and watershed scale rehabilitation through the application of structural and programmatic practices for stormwater management. Therefore, a synoptic approach was applied for establishing monitoring stations for physical habitat monitoring where stations were established in the Application watersheds in reaches that will be restored and in reaches where no physical alterations to the channel are planned. In this way, the RPWS can assess physical habitat response to both localized and basin-wide rehabilitation efforts. In addition to these considerations, the specific location of each

monitoring station was also influenced by safety and property access issues. The monitoring stations established in each of the study watersheds are as follows:

Application Watersheds

- Evans Creek Tributary 108: Two stations designated Lower Stream Station (EVALSS) and Midstream Station (EVAMS), respectively (see locations in Figure 2).
- Monticello Creek: Five stations designated MONT-1, MONT-2, MONT-3, MONT-4, and MONT-5, respectively (see locations in Figure 3).
- Tosh Creek: Four stations designated TOSH-1, TOSH-2, TOSH-3, and TOSH-4, respectively (see locations in Figure 4).

Reference Watersheds

- Colin Creek: One designated COLIN-1 (see locations in Figure 5).
- Seidel Creek: Three stations designated Seidel-1, Seidel-2, and Seidel-3, respectively (see locations in Figure 6).

Control Watersheds

- Country Creek: Two stations designated Country-1 and Country-2, respectively (see locations in Figure 7).
- Tyler's Creek: Two stations designated Tylers-1 and Tylers-2, respectively (see locations in Figure 8).

The following monitoring stations were specifically selected to measure the localized physical habitat response in reaches that have either been recently restored or are likely to be restored in the future:

- MONT-3
- MONT-4
- MONT-5
- TOSH-1
- TOSH-3
- TOSH-4

Physical habitat monitoring is conducted annually at each monitoring station for the duration of the RPWS. The characteristic bed-form type will be recorded at each monitoring station, and physical habitat quality indicators is measured at 11 cross-sections (transects) and thalweg (line of steepest descent along the streambed) profile for each habitat monitoring station.

The following indicators will be measured in connection with this monitoring:

- Bed stability
- Channel dimensions
- Fish cover
- Habitat dimensions
- Habitat unit extents
- Large woody debris
- Riparian cover
- Riparian disturbance
- Riparian vegetation structure
- Sinuosity
- Substrate

The pattern of interest is evidence that receiving water conditions are improving based on the detection of trends in the data for one or more of these indicators in the Application watersheds while the same trends are not detected in the data for the same indicators in the Reference and Control watersheds.

Sediment Quality Monitoring

A total of 19 fixed monitoring stations were established at the onset of the study to facilitate sediment quality monitoring in each of the study watersheds. Starting in WY2022, monitoring has occurred at 17 fixed monitoring stations; see further explanation in the Monitoring Procedures section (page 29). These stations were co-located with the monitoring stations described above for physical habitat monitoring (see Figure 2 through Figure 8). Sediment samples are collected annually at all 19 monitoring stations for the duration of the RPWS. Each sample is analyzed for the following indicators for evaluating sediment quality impacts from urban development:

- Total organic carbon
- Copper
- Zinc
- Polycyclic aromatic hydrocarbons
- Phthalates

Trends over time at each monitoring station are evaluated using parametric (Pearson's r) and nonparametric (Kendall's tau or Spearman's rho) tests of correlation between these indicators and time. Statistical significance of the correlation coefficients is evaluated based on an α-level of 0.05 for a one-tailed test. The pattern of interest is evidence that receiving water conditions are improving based

on the detection of statistically significant trends in the data for one or more of these indicators in the Application watersheds while the same trends are not detected in the data for the same indicators in the Reference and Control watersheds.

Biological Monitoring

A total of 19 fixed monitoring stations were established at the onset of the study to facilitate biological monitoring in each of the study watersheds. Starting in WY2022, monitoring has occurred at 17 fixed monitoring stations; see further explanation in the Monitoring Procedures section (page 29). These stations were co-located with the monitoring stations described above for physical habitat monitoring (see Figure 2 through Figure 8). Benthic macroinvertebrate samples are collected annually at each monitoring station for the duration of the RPWS. Each sample is processed to calculate the following indicators for use in evaluating stream health:

- Benthic Index of Biotic Integrity (B-IBI)
- Taxa Richness
- Ephemeroptera Richness
- Plecoptera Richness
- Trichoptera Richness
- Clinger Percent
- Long-Lived Richness
- Intolerant Richness
- Percent Dominant
- Predator Percent
- Tolerant Percent

Trends over time at each monitoring station are evaluated using parametric (Pearson's r) and nonparametric (Kendall's tau or Spearman's rho) tests of correlation between these indicators and time. Statistical significance of the correlation coefficients is evaluated based on an α-level of 0.1 for a one-tailed test. The pattern of interest is evidence that receiving water conditions are improving based on the detection of statistically significant trends in the data for one or more of these indicators in the Application watersheds while the same trends are not detected in the data for the same indicators in the Reference and Control watersheds.

The sampling frequency identified above for biological monitoring was evaluated using the power tests described above in the Water Quality Monitoring subsection. With samples collected annually over a 10-year period and a desired α-level of 0.05, results from these tests showed there was a 63 to 96 percent probability of detecting a 9-unit increase in B-IBI scores (equivalent to a change from "fair" to "good" in biological condition) depending on the variability that is assumed for the data and

characteristics of the trend over time (i.e., linear or non-linear). Results from these tests are documented in the QAPP that was prepared for the study (Herrera 2015c).

Effectiveness Monitoring

Roving stations will be established for the Effectiveness Monitoring component of the RPWS to verify specific structural or programmatic stormwater controls are constructed properly, performing as designed, or providing meaningful benefit. The roving stations will be moved from one year to the next once a facility's effectiveness has been verified and new facilities come online. The specific types of monitoring to be performed at each roving station will depend on the type of structural stormwater control that is being evaluated. For example, it is anticipated that only hydrologic monitoring would be performed at roving stations for facilities that are only designed for flow control (e.g., vaults). In these cases, a facility's performance would be verified based on comparisons of measured flow from the roving station to the facility's predicted flow from models used in its design. For facilities that are designed for runoff treatment, monitoring will follow guidelines from Ecology's Technology Assessment Protocol-Ecology (TAPE) (Ecology 2018) and include both hydrologic (e.g., influent and effluent flow) and water quality monitoring. In these cases, a facility's performance would be verified based on comparisons of its measured pollutant removal efficiency relative to targets that are identified in TAPE for specific treatment categories.

Effectiveness Monitoring is currently planned or ongoing for two watershed rehabilitation projects that are being implemented by the City as described in the following subsections.

Pond Retrofit Effectiveness Monitoring

In April 2021, the City retrofitted two existing stormwater detention ponds in the Monticello Creek watershed with a continuous monitoring and adaptive control (CMAC) system to improve their performance for managing peak flows during storm events. The CMAC system is designed to optimize the performance of existing stormwater detention facilities by leveraging forecast information with onsite sensors, allowing adaptive use of the full storage volume available to more closely approximate flow patterns that existed prior to land development. Documentation related to the design and operation of these systems was provided in the WY2022 data summary report (Herrera 2023b).

Subsequent to the completion of the City's pond retrofits, the County retrofitted two additional ponds with CMAC systems in the Monticello Creek watershed that are located within its jurisdictional boundaries. These systems went online in February of 2023; however, technical issues impacted their performance until April 24, 2024, when they were subsequently deemed fully functional. Documentation related to the design and operation of these systems is provided in Appendix A. Collectively, the area managed by the four ponds that have been retrofitted by the City and County represents approximately 20 percent of the Monticello Creek watershed.

A proposal (Herrera 2021b) to conduct Effectiveness Monitoring on these ponds using funding from the SAM program was approved by Ecology on December 30, 2021. This monitoring was scheduled to initiate at the start of WY2022; however, the City's CMAC systems were not fully operational during

WY2021 and WY2022 due to technical issues. After installation of a solar panel, the Curry East CMAC system become fully functional on February 10, 2023. Due to battery issues, Whistler Ridge was not fully functional until WY2024. Hence, results from this monitoring will be summarized in the trend analysis report that will be prepared at the end of WY2025.

Street Sweeping Effectiveness Monitoring

The trend analysis conducted by Herrera (2020b, 2020c) documented a significant decrease in total suspended solids and total copper concentrations in Monticello Creek that appeared related to a City project that progressively increased street sweeping frequency in the associated watershed. These results were consistent with another study that was implemented by the City of Seattle (SPU 2018).

To validate the effectiveness of sweeping for improving water quality, the City has obtained grant funding from King County Wastewater Treatment Division to progressively increase street sweeping in the Tosh Creek watershed. The specific goal was to confirm street sweeping is effective at reducing total suspended solids and total copper concentrations in receiving waters. The City also intends to evaluate whether street sweeping can be effective at removing other pollutants of concern that are associated with roadway runoff. Specifically, the City is collecting samples for evaluating concentrations of 6PPD-quinone (6PPD-Q) and polycyclic aromatic hydrocarbons (PAHs) during the routine water quality monitoring that is conducted for the RPWS. A widely used antioxidant in rubber tires, 6PPD-Q is an emerging contaminant in stormwater that was recently linked to acute mortality of coho salmon. PAHs are a common type of organic pollutant found in stormwater runoff that are known or probable human carcinogens and toxic to aquatic life.

This Effectiveness Monitoring specifically involved supplemental sampling and analysis for 6PPD-Q and PAHs beginning October 1, 2022, and ending September 30, 2024, at the two stations (TOSMO and TOSMI) in the Tosh Creek watershed (an Application watershed) and two stations (COUMO and COUMI) in the Country Creek watershed (a Control watershed) that were established for Status and Trends Monitoring (see description above). Street sweeping in the Tosh Creek watershed within Redmond city limits occurred one time per month from October 2022 through September 2023, and two times per month from October 2023 through September 2024. This was in addition to the regularly scheduled quarterly street sweeping. Street sweeping in the Country Creek watershed only occurred quarterly to serve as a control. More detailed information on this monitoring is provided in an addendum (Herrera 2022) to the QAPP for the RPWS. The additional sampling for 6PPD-Q and PAHs was performed using Ecology funding designated for 6PPD-Q research. Results from this monitoring will be summarized in the trend analysis report that will be prepared at the end of WY2025.

Rehabilitation Effort Summary

As noted in the previous section, the pattern of interest for this study will be evidence that receiving water conditions are improving based on one or more indicators in the Application watersheds while conditions in the Reference and Control watersheds remain relatively static. To increase the likelihood of detecting this trend, conditions in the Application watersheds were characterized over a "baseline" period prior to the implementation of any rehabilitation efforts implemented during and after WY2016. Rehabilitation efforts that have subsequently been implemented by the City or County in each of the Application watersheds are described below under the following categories: structural retrofits, programmatic controls, and habitat enhancements.

Evans Creek Tributary 108

- Structural Retrofits
  - In WY2017, the County constructed two stormwater detention vaults within the Evans Creek Tributary 108 watershed; one was in front of addresses 20620 and 20626 Northeast 76th Place, and the other was in front of address 20508 Northeast 78th Street. Design details for these vaults are documented in Herrera (2023).

Monticello Creek

- Structural Retrofits
  - In April 2021, the City retrofitted two existing stormwater detention ponds (Curry East and Whistler Ridge) in the Monticello Creek watershed with a CMAC system to improve their performance for managing peak flows during storm events. However, the CMAC systems were not fully operational during WY2021 and WY2022 due to technical issues. After installation of a solar panel, the Curry East CMAC system became fully functional on February 10, 2023. Due to battery issues, Whistler Ridge was not fully functional until WY2024. Design details for these systems are documented in WY2022 Data Summary Report (Herrera 2023b).
  - Subsequent to the completion of the City's pond retrofits, the County retrofitted two additional ponds with CMAC systems in the Monticello Creek watershed that are located within its jurisdictional boundaries. These systems went online in February of 2023; however, technical issues impacted their performance until April 24, 2024, when they were subsequently deemed fully functional. Documentation related to the design and operation of these systems is provided in Appendix A. Collectively, the area managed by the four ponds that have been retrofitted by the City and County represents approximately 20 percent of the Monticello Creek watershed.

- Programmatic Controls
  - Using funding from a King County WaterWorks grant, the City implemented a street-sweeping project in the Monticello Creek watershed:
    - Street sweeping increased from quarterly to monthly in August of WY2017 and continued throughout WY2018. The street sweeping occurred on all public roads in the watershed.
    - Beginning in October of WY2019, the frequency of street sweeping increased from once per month to twice per month. This street sweeping was implemented to meet the specific goal of improving water quality in the creek and conducted in addition to street sweeping that occurs in the watershed for other operational reasons, such as collecting leaves in fall. A more detailed summary of the street sweeping is provided in Table 3.
  - *Note: Trend analyses performed by Herrera (2020b, 2020c) documented a consistent and statistically significant decrease in total suspended solids and total copper concentrations in Monticello Creek that appeared to be related to the increase in street sweeping frequency. These results are also consistent with a street sweeping study that was implemented by the City of Seattle (SPU 2018).*
- Habitat Enhancements
  - In WY2017, large woody debris was installed on an approximately 400-foot-long reach of Monticello Creek that extends downstream from Northeast 122nd Street. Approximately 400 feet of additional large woody debris was installed in July of WY2018 on the downstream end of the installation from WY2017.
  - In WY2019, invasive species removal and supplemental planting was completed in an approximately 2,000-square-foot project area located at the Fischer Village Native Growth Protection Easement downstream of 178th Avenue Northeast. Fifty-five trees and 15 shrubs were planted. Himalayan blackberry (*Rubus armeniacus*) was removed from the project area.
  - In WY2021, three separate plantings within the riparian zone of Monticello Creek were completed by the City:
    - Approximately 0.5 acre within the Fischer Village Native Growth Protective Easement (Monticello main stem, downstream of Northeast 122nd Street) was cleared of Himalayan blackberry. Two hundred trees and 200 shrubs were planted within the project area in March 2021.
    - Approximately 0.75 acre within the Ray Meadows Native Growth Protective Easement (Monticello main stem, downstream of the Fischer Village Native Growth Protective Easement) was cleared of Himalayan blackberry in March 2021. Six hundred trees were planted in the project area in October 2021.
    - Approximately 0.68 acre within the Cameron Place Native Growth Protective Easement and City-owned land (Monticello Creek—west fork, south of Northeast 116th Street) was cleared of Himalayan blackberry and reed canarygrass in January 2021. Three hundred trees and 600 shrubs were planted in the project area during March 2021.

- In WY2022, a restoration project was completed at Smith Woods as part of a fish passage and stream enhancement project north of Northeast 122nd Street. The planting area covered 11,369 square feet and included 304 trees, 281 shrubs, 1,516 groundcover plants, and 1,060 emergents.
- In WY2023, a restoration project was completed at the Ray Meadows Native Growth Protective Easement (Monticello main stem, downstream of the Fischer Village Native Growth Protective Easement). This project included cutting and grubbing blackberry more than 8,000 square feet, and planting 95 trees and 145 shrubs.

Table 3. Summary of Street Sweeping in the Monticello Creek Watershed.

Type of Sweeper	Regenerative
Percent of roads swept within the basin:	83% (the City did not sweep the 1.24 miles of private roads within watershed due to access issues)
Type of public roads and percent of each:	• Principal Arterial: 4% • Collector Arterial: 9% • Connector Streets: 4% • Local Access: 83%
Miles swept per year:	• Monthly: July 2017–August 2018. A total of 83.44 miles were swept during these 14 months. • Twice Monthly: September 2018–August 2019. A total of 143.04 miles were swept during these 12 months.
Average passes per year:	• Monthly: July 2017–August 2018. The watershed was swept 14 times during this time period. The biweekly sweeping was supposed to start in July 2018; however, due to an error, the contractor continued monthly sweeping until August 2018. This was addressed by adding 2 months of sweeping twice per month to the end of the contract. • Twice Monthly: September 2018–August 2019. The watershed was swept 24 times during this time period. No months were missed.

Tosh Creek

- Structural Controls
  - The high-flow bypass pipe weir for the Tosh Creek watershed was adjusted in July of WY2017 to divert more high-flow stormwater from Tosh Creek.
- Programmatic Controls
  - Using funding from a King County WaterWorks grant, the City implemented a street-sweeping project in the Tosh Creek watershed. Street sweeping increased from quarterly to monthly from October 2022 through September 2023. The street sweeping occurred on all 3.54 miles of public roads in the watershed.
- Habitat Enhancements
  - Large woody debris was installed on an approximately 300-foot-long reach of Tosh Creek in WY2017, downstream of West Lake Sammamish Parkway. In July of WY2018, adjustments were made to this large woody debris, and minor slash was added to the reach.

- In WY2019, a planting was conducted in an approximately 40,000-square-foot project area located in the lower section of Tosh Creek, between West Lake Sammamish Parkway and the Sammamish River. Sixty-five shrubs and 627 trees were planted. Normal maintenance was performed at the site, including removal of the invasive species Himalayan blackberries and bittersweet nightshade (*Solanum dulcamara*).
- In WY2021 ongoing maintenance of the planting that occurred in WY2019 was conducted. This included planting 15 spruce trees, mulching plants, spot treating knotweed, and grubbing Himalayan blackberries. In WY2022 and WY2023 the City performed ongoing maintenance of the planting area.

Monitoring Procedures

The QAPP that was prepared for the RPWS (Herrera 2015c) provides detailed information on the monitoring procedures that are being used for each of the following categories: hydrologic, water quality, physical habitat, sediment quality, and biological. The following deviations from these monitoring procedures are noted for monitoring that took place in WY2023:

- The YSI Pro Model 2030 that was used to make discrete *in situ* measurements of water temperature and conductivity was calibrated using a 1,000 µS standard instead of a 100 µS standard as specified in the QAPP. This change was made based on manufacturer recommendations for meter calibration. Given this change, the calibration of the meter was subsequently checked before and after each sampling event using both the 100 and 1,000 µS standards to confirm the method quality objective identified in the QAPP for meter accuracy (±5 percent) was met. Results from these calibration checks were documented on standardized field forms.
- Guidelines in the QAPP indicate that storm sampling may only occur if the following criterion for antecedent conditions is met: a period of at least 24 hours preceding the event with less than 0.04 inch of precipitation. However, this guideline was deemed too restrictive following monitoring that occurred over WY2016. Hence, this criterion was changed to allow storm event sampling after a period of at least 12 hours preceding the event with less than 0.04 inch of precipitation.

In addition, the following deviations from the QAPP are noted for monitoring across all water years:

- The QAPP for the RPWS indicates trend analyses reports should be prepared following 4, 6, 8, and 10 years of study implementation. These reports summarize the results of statistical analyses that are described in the QAPP to identify relationships between rehabilitation efforts and improving receiving water conditions. A trend analysis report (Herrera 2020b) was prepared following year 4 of the RPWS's implementation. To reduce the overall budget for the study while allowing for a longer period of data collection before conducting analyses to identify relationships between rehabilitation efforts and improving receiving water conditions, a trend analysis report following 6 years of study implementation will not be prepared. Trend analysis reports will still be prepared following 8 and 10 years of study implementation.
- The Evans Creek watershed is identified as an Application Watershed in the QAPP for the RPWS because it was prioritized by the County for rehabilitation efforts at the onset of the study; specifically, the County constructed two stormwater detention ponds within the watershed in WY2017. Monitoring has subsequently occurred at individual stations within this watershed over the period extending from WY2016 through WY2021. The performance of these ponds for improving receiving water conditions was analyzed in the trend analysis report that was prepared after 4 years of study implementation. Results from this analysis indicated the ponds are generally providing no measurable benefit to the creek. Because the County is not planning to implement any additional rehabilitation efforts within the Evans Creek watershed in the short-term, monitoring at all stations within this watershed has been suspended.

- The QAPP for the RPWS indicates physical habitat and sediment quality monitoring should occur every year through the anticipated 10-year time frame for study implementation. To reduce the overall budget, a decision was made to implement this monitoring every other year after WY2021. This change was deemed to be acceptable because large, year-to-year changes are not anticipated for these categories of monitoring.
- The QAPP for the RPWS indicates *in situ* probes will be used to continuously measure conductivity at the following subset of stations: EVALSS, EVAMS, MONM, MONMS, TOSMO, SEIMN, SEIMS, COUMO, and TYLMO. To reduce the overall budget, a decision was made to suspend this monitoring after WY2021. This change was deemed to be acceptable given *in situ* measurements for conductivity are still made at all stations in connection with base flow and storm event sampling.

The deviations identified above were made with concurrence from the SAM program coordinator and the TAC for the RPWS.

Monitoring Results Summary

Separate sections herein summarize results from the Status and Trends Monitoring and Effectiveness Monitoring components, respectively, of the RPWS from monitoring that was conducted in WY2023.

Status and Trends Monitoring

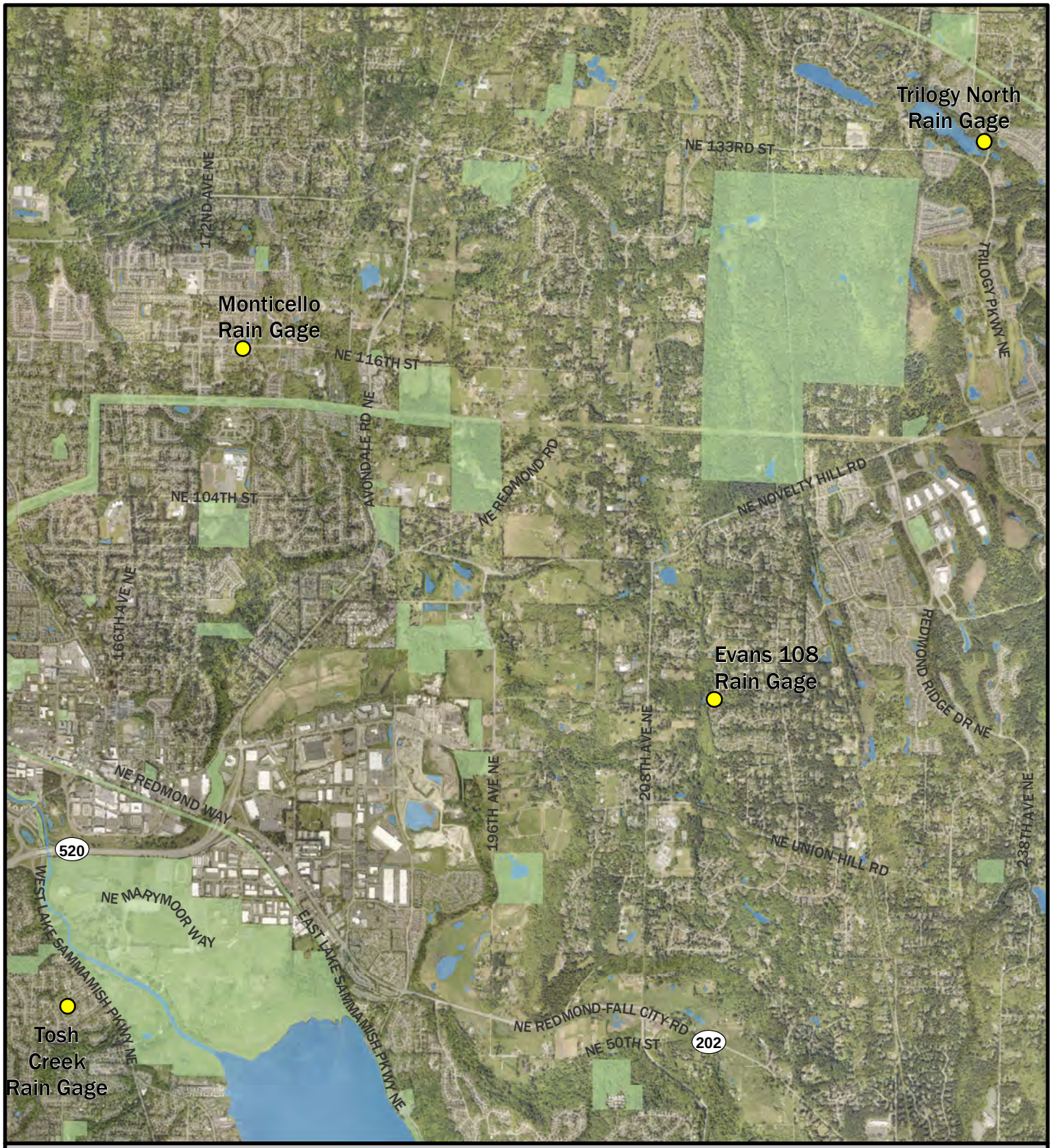
This section summarizes results for the Status and Trends Monitoring component of the RPWS from monitoring that was conducted over WY2023. The presentation of these results is organized under separate subsections for the following monitoring categories: hydrologic, water quality, physical habitat, sediment quality, and biological. As noted in the Introduction section of this document, trend analyses reports will be prepared to summarize the results of statistical analyses that will be performed on the compiled data from all previous years of monitoring to detect potential relationships between rehabilitation efforts and improved receiving water conditions. Therefore, this data summary report does not provide detailed analyses of the monitoring results from WY2023. A trend analysis report (Herrera 2020b) was prepared following year 4 of the RPWS's implementation. Additional trend analysis reports will be prepared following years 8 and 10 of the RPWS' implementation.

Hydrologic Monitoring

Hydrologic monitoring for WY2023 initiated on October 1, 2022, at the 12 fixed monitoring stations that are identified in the Experimental Design section of this document (excludes the stations in the Evans Creek watershed) and continued through September 30, 2023. In addition, continuous precipitation monitoring occurred over the same period at three separate precipitation monitoring stations: two stations were established for the RPWS – Tosh and Monticello; and one station is maintained by the County for other purposes – Trilogy (Figure 9). Each station is used for measuring precipitation in the watershed for a specific creek as follows:

- Tosh station: Tosh Creek and Country Creek
- Monticello station: Tyler Creek and Monticello Creek
- Trilogy station: Seidel Creek and Colin Creek

Line plots showing the continuous flow and precipitation data collected at each station are provided in Appendix B. The quality assurance review memorandum for these data is provided in Appendix C. The quality assurance review memorandum summarizes the results of the quality assurance review of hydrologic data collected for the WY2023 and through the end of the 2023 calendar year (December 31, 2023). As documented in the quality assurance review memorandum, the continuous flow data at each station was rated as either "fair" or "good."



Legend

- Precipitation Monitoring Stations
- Water body
- Park



Figure 9.
Redmond Paired Watershed Study
Precipitation Monitoring Locations.

N

0 1,825 3,650 7,300 Feet

HERRERA

King County Aerial (2019)

K:\Projects\Y2014\14-05806-000\Project\Report\Figure9_PrecMonitorLoc_RPWP.mxd (5/4/2020)

Two stations had significant gaps in the continuous flow data record (Table 4). The COLM station had a gap extending approximately 3 months during a period of no flow when the creek was dry. To fill this gap, missing values were replaced with 0 cubic feet per second (cfs). The MONMS station had a gap of approximately 97 hours due to a probe malfunction. This gap will be filled with estimated values using linear interpolation to facilitate preparation of the next trend analysis report.

Table 4. Gaps in Continuous Flow Data.[a]

Station	Gap Start Date, Time[b]	Gap Stop Date, Time[b]	Gap Duration in Hours	Flow Estimation Method
COLM[a]	10/1/2022 0:00	10/25/2022 23:00	599	No flow estimation method applicable. Period of no flow.
COLM[a]	7/26/2023 18:00	9/25/2023 21:00	1,467	No flow estimation method applicable. Period of no flow.
MONMS	4/6/2023 10:05	4/10/2023 11:00	97	No flow estimation method applicable.

[a] Gaps in data reported for the water year (October 1, 2022, through September 30, 2023).

[b] All times are reported as Pacific Standard Time.

Once a complete data record was available for all the stations using either estimated or measured flow, the continuous flow data from each station and the applicable precipitation data were postprocessed using a custom program written in Visual Basic that delineates the start and stop time of individual storm events based on user selectable storm criteria (e.g., antecedent dry period, minimum rainfall, interevent dry period, etc.). The program then computes the following suite of summary statistics for each storm event:

- Precipitation start and stop times
- Precipitation duration
- Precipitation depth
- Precipitation average intensity
- Precipitation maximum intensity
- Precipitation antecedent dry period
- Flow start and stop times
- Flow duration
- Average flow rate
- Maximum flow rate
- Flow volume

Appendix D provides these summary statistics for the individual storm events that were delineated based on the continuous flow data from each station. Summary statistics computed across all the events for each station are provided in Table 5 to facilitate comparisons of flows across both stations and watersheds. The data from Appendix D are also used to evaluate criteria from the QAPP that serve as guidelines for defining the acceptability of specific storm events for sampling (see description section below).

Table 5. Summary Statistics for Storm Events by Monitoring Station.

Station	Watershed Type	Median Average Flow Rate (cfs)	Maximum Flow Rate (cfs)	Median Flow Volume (cf)	Maximum Flow Volume (cf)
MONM	A	1.28	22.41	83,832	1,052,479
MONMN	A	0.36	12.83	23,517	450,756
MONMS	A	0.14	2.56	9,492	125,229
TOSMO	A	0.79	14.19	52,044	323,127
TOSMI	A	0.52	11.70	38,097	346,883
COLM	R	0.83	12.26	50,901	785,935
SEIMN	R	0.54	2.91	33,622	164,508
SEIMS	R	0.43	5.15	33,783	131,670
COUMO	C	0.56	12.53	35,844	303,498
COUMI	C	0.09	3.93	5,904	78,333
TYLMO	C	0.54	16.92	39,009	710,633
TYLMI	C	0.07	1.91	4,920	171,384

cfs = cubic feet per second; cf = cubic feet

A = Application; C = Control; R = Reference

As described in the Experimental Design section of this document, data from the continuous flow monitoring will be processed to calculate a suite of 12 indicators for evaluating hydrologic impacts from urban development (see Table 2). Because many of the indicators are derived using the long-term daily average flow rate, these calculations will be performed in conjunction with the preparation of the trend analyses reports that are described in the Introduction section of this document.

Water Quality Monitoring

Water quality monitoring for WY2023 was initiated on September 27, 2022, at the 12 fixed monitoring stations that are identified in the Experimental Design section of this document (excludes the stations in the Evans Creek watershed) and continued through September 30, 2023. Pursuant to the QAPP that was prepared for the study (Herrera 2015c), 12 grab samples are to be collected during storm events (three each quarter). In the case of events missed due to extended dry periods, the SAM program coordinator and the TAC approved making up storms in future years. In addition, four grab samples are to be collected during base flow (one each quarter) at these same stations. Grab samples were inadvertently collected during base flow twice in the fourth quarter of WY2022. Because one set of these samples was

collected late in the quarter (September 27, 2022), they were used to satisfy the baseflow sampling requirement for the first quarter of WY2023.

The dates when samples were collected during storm events are identified in Table 6. Three events were sampled in the first quarter of WY2023; five events were sampled in the second quarter; three events were sampled in the third quarter; and one storm event was sampled in the fourth quarter due to dry conditions. To the extent possible, additional storm events will be sampled in subsequent water years to make up for these missed events.

The following modified criteria from the QAPP (see the Monitoring Procedures section) serve as guidelines for defining the acceptability of specific storm events for sampling:

- **Target precipitation depth:** A minimum of 0.25 inch of precipitation over a 24-hour period
- **Antecedent conditions:** A period of at least 12 hours preceding the event with less than 0.04 inch of precipitation

Table 6 compares these criteria to data collected in WY2023 during each sampled storm event from the precipitation monitoring stations described in the previous section (Tosh, Monticello, and Trilogy). As shown, these criteria were met for all storm events sampled over WY2023 with only one exception. Specifically, the precipitation depth ranged from 0.06 to 0.14 inch across all stations during the February 7, 2023, event. Data from this event may be deemed more representative of baseflow following analysis that will be performed in connection with the next trend analysis report.

To provide additional information for assessing the acceptability of sampled storm events, line plots showing the actual time samples were collected at each station relative to the storm event hydrograph are provided in Appendix E. These plots show that approximately 82 percent of the samples were collected on the rising limb of the hydrograph; 9 percent were collected at the peak; and 1 percent were collected on the falling limb. Another 8 percent of the samples were collected in connection with the February 7, 2023, storm event described above. The line plots for this event indicate there was no appreciable rise in the hydrograph during sampling; hence, the data from this event may be deemed more representative of baseflow.

As described in the QAPP for the RPWS (Herrera 2015c), base flow samples should be collected following a period of at least 48 hours without rain. Table 6 shows the dates when samples were collected during base flow with a comparison to this criterion using data from the precipitation monitoring stations described in the previous section. This comparison shows the criterion was met during all base flow sampling with one exception. Specifically, the antecedent dry period ranged from 31.4 to 60.6 hours across all stations during the base flow event on January 20, 2023. Though below the target of 48 hours for some stations, this range was deemed close enough to include the data from this event in the final dataset. As documented in Appendix D, the preceding storm event produced approximately 0.10 to 0.84 inch of precipitation over a 5.3 to 20.9-hour period.

Table 6. Sampling Dates and Comparison to Criteria for Storm Event and Base Flow Sampling.												
			Tosh Station[a]			Monticello Station[b]			Trilogy Station[c]			
Water Year Quarter 2023	Event Type	Event Date	Precipitation Duration (hour)	Precipitation Depth[d] (inch)	Antecedent Dry Period[e] (hour)	Precipitation Duration (hour)	Precipitation Depth[d] (inch)	Antecedent Dry Period[e] (hour)	Precipitation Duration (hour)	Precipitation Depth[d] (inch)	Antecedent Dry Period[e] (hour)	
1	Base	9/27/2022[f]	–	–	546.4	–	–	542.1	–	–	547.9	
1	Storm	10/21/2022	30.3	1.21	33.6	30.1	0.91	1117.8	27.1	0.95	1117.3	
1	Storm	11/22/2022	8.3	1.08	357.6	8.6	1.02	356.6	12.8	1.00	362.9	
1	Storm	11/29/2022[g]	33.3	1.65	34.2	26.1	0.75	35.3	–	–	–	
2	Storm	1/8/2023	15.8	0.41	16.2	15.4	0.41	16.6	15.4	0.42	18.8	
2	Storm	1/12/2023	42.9	0.89	47.1	43.1	0.89	47.1	43.3	1.03	46.8	
2	Base	1/20/2023	–	–	**31.4**	–	–	60.6	–	–	**34.9**	
2	Storm	2/7/2023	5.8	**0.14**	35.5	4.8	**0.10**	36.6	2.1	**0.06**	39.2	
2	Storm	3/2/2023	19.9	0.36	30.1	17.9	0.25	31.4	22.7	0.30	29.7	
2	Storm	3/13/2023	21.8	0.82	35.4	21.0	0.75	35.6	22.4	0.90	34.1	
3	Storm	4/6/2023	27.3	0.63	51.8	24.4	0.61	47.6	32.3	0.67	40.9	
3	Storm	4/20/2023	5.8	0.25	33.9	11.0	0.26	34.0	10.8	0.22	33.3	
3	Base	4/27/2023	–	–	77.8	–	–	74.0	–	–	71.3	
3	Storm	5/5/2023	25.4	0.64	255.8	16.8	0.70	254.8	21.1	0.80	248.8	
4	Base	7/11/2023	–	–	498.3	–	–	503.6	–	–	497.6	
4	Storm	9/25/2023	35.7	1.75	21.2	29.5	1.84	23.7	29.7	1.75	21.7	

[a] Station is used for measuring precipitation in the watersheds for Tosh Creek and Country Creek.

[b] Station is used for measuring precipitation in the watersheds for Tyler Creek and Monticello Creek.

[c] Station is used for measuring precipitation in the watersheds for Seidel Creek and Colin Creek.

[d] Criteria for precipitation total is ≥0.25 inch in 12 hours for storm event sampling.

[e] Criteria for antecedent dry period is ≥12 hours with <0.04 inch of rain for storm event sampling and ≥48 hours with no rain for base flow sampling.

[f] Grab samples were inadvertently collected during base flow twice in the fourth quarter of WY2023. Because one set of these samples was collected late in the quarter (September 27, 2022), they were used to satisfy the baseflow sampling requirement for the first quarter of WY2023.

[g] Samples not collected at SEIMS due to unsafe conditions.

Bold values indicate events that did not meet criteria for storm event or base flow sampling.

Field data collection forms, chain-of-custody records, laboratory reports, and data quality audit forms from the storm event and base flow sampling during WY2023 are provided in Appendix F. The memorandum documenting results from the quality assurance review that was performed on these data is provided in Appendix G. Based on this review, 62 values (2 percent of the total number) were qualified as estimates as documented in Table 7, and 15 values (0.6 percent of the total number) were rejected. The majority of the qualified values were related to holding times (23) or field duplicate relative percent differences (17) that exceeded the criteria established in the QAPP (Herrera 2015a). Field staff routinely review sample collection and delivery protocols to reduce the need to qualify values due to these issues. Estimated values will be used with caution in subsequent trend analyses that will be performed for the study. Rejected values were all field measurements with suspected transcription errors. Steps have been taken to prevent these errors in future sampling. Rejected values will not be used in subsequent trend analyses.

Table 7. Qualified Results from Discrete Water Quality Sampling.

Event Date	Station	Water Quality Indicator	Reason for Qualification	Data Flag
9/27/2022	All locations except MONM	TSS	Holding time exceedance; low LCS recovery (MONM only)	J
10/21/2022	All locations	Fecal coliform bacteria	Holding time exceedance	J
9/25/2023	COUMO, TYLMI, MONMS	TSS	Transfer blank contamination	J
10/21/2022	SEIMS	Fecal coliform bacteria	Lab duplicate exceedance	J
2/7/2023	MONM	Fecal coliform bacteria	Lab duplicate exceedance	J
11/22/2022	MONM	Fecal coliform bacteria	Field duplicate exceedance	J
1/8/2023	COUMO	Fecal coliform bacteria	Field duplicate exceedance	J
1/12/2023	COLM	Fecal coliform bacteria	Field duplicate exceedance	J
3/2/2023	MONMS	TSS	Field duplicate exceedance	J
3/13/2023	SEIMS	Fecal coliform bacteria	Field duplicate exceedance	J
4/6/2023	TOSMO	TSS	Field duplicate exceedance	J
4/6/2023	TOSMO	Turbidity	Field duplicate exceedance	J
4/6/2023	TOSMO	Total zinc	Field duplicate exceedance	J
4/27/2023	MONMN	TSS	Field duplicate exceedance	J
4/27/2023	MONMN	Total phosphorus	Field duplicate exceedance	J
5/5/2023	COUMI	Turbidity	Field duplicate exceedance	J
5/5/2023	COUMI	Total phosphorus	Field duplicate exceedance	J
5/5/2023	COUMI	Fecal coliform bacteria	Field duplicate exceedance	J
7/11/2023	TYLMI	TSS	Field duplicate exceedance	J
7/11/2023	TYLMI	Turbidity	Field duplicate exceedance	J
7/11/2023	TYLMI	Total phosphorus	Field duplicate exceedance	J
9/25/2023	TYLMO	Fecal coliform bacteria	Field duplicate exceedance	J
9/27/2022	COUMI, TOSMO	Temperature,	Suspected transcription error	R
9/27/2022	COUMI, TOSMO	Conductivity	Suspected transcription error	R
9/27/2022	COUMI, TOSMO	DO	Suspected transcription error	R

Table 7 (continued). Qualified Results from Discrete Water Quality Sampling.				
Event Date	**Station**	**Water Quality Indicator**	**Reason for Qualification**	**Data Flag**
1/12/2023	COUMO, TYLMI	DO	Values outside expected range	R
1/12/2023	COUMI, MONM, SEIMS	DO	Potential meter calibration error	J
1/12/2023	TOSMO, TYLMO	Temperature	Suspected transcription error	R
1/12/2023	TOSMO, TYLMO	Conductivity	Suspected transcription error	R
1/12/2023	TOSMO, TYLMO	DO	Suspected transcription error	R
2/7/2023	All	Conductivity	Post event meter calibration check	J
2/7/2023	COUMI, TYLMO	DO	Value converted from percent saturation to concentration	J
2/7/2023	COUMI	Conductivity	Suspected transcription error	R
4/27/2023	TYLMI	DO	Value converted from percent saturation to concentration	J

J = Value qualified as an estimate based on quality assurance review.

R = Value rejected based on quality assurance review.

LCS = laboratory control sample

TSS = total suspended solids

Appendix H presents tables with the following summary statistics for pollutant concentrations measured in storm event and base flow samples over WY2023:

- N (sample size)
- Minimum
- 25th Percentile
- Median
- 75th Percentile
- Maximum
- Interquartile range
- Percent detected
- Percent exceeding the water quality standard for surface waters of the state of Washington (Ecology 2022), where applicable

In addition, Appendix I presents box and whisker plots that were developed from these same data that show the minimum and maximum values (lower and upper whiskers, respectively), 25th and 75th percentile values (lower and upper box edges, respectively), and median value (line in box). When nondetect values were present in the data, a value of one-half the detection limit was used in the computation of summary statistics.

In addition to the collection of grab samples during storm events and base flow, continuous monitoring of temperature was performed at 12 of the fixed monitoring stations that are identified in the Experimental Design section of this document for water quality monitoring (excludes the stations in the Evans Creek watershed). Line plots showing the continuous temperature at each of these stations are provided in Appendix J. These plots also show the 7-day average of the daily maximum temperatures (7-DAYMAX) relative to the applicable aquatic life temperature criterion for surface waters of the state of Washington (Ecology 2022).

As documented in the quality assurance review memorandum (Appendix C), the continuous temperature data at all stations were rated "good." Additionally, no substantial data gaps were reported except during the following two periods when the channel at the COLM station went dry:

- October 1, 2022, to October 25, 2022
- July 26, 2023, to September 25, 2023

Additionally, the MONMS station was rated "fair" due to sensor failure from April 6 to April 10, 2023.

Physical Habitat Monitoring

Physical habitat monitoring for WY2023 was completed at 17 of the fixed monitoring stations that are identified in the Experimental Design section of this document (excludes the stations in the Evans Creek watershed) on the following dates:

- MONT-1 9/8/2023
- MONT-2 9/12/2023
- MONT-3 9/21/2023
- MONT-4 8/9/2023
- MONT-5 7/13/2023
- TOSH-1 7/18/2023
- TOSH-2 8/24/2023
- TOSH-3 9/7/2023
- TOSH-4 8/28/2023
- COLIN-1 7/6/2023
- SIDL-1 8/11/2023
- SIDL-2 8/18/2022
- SIDL-3 9/15/2023
- CTRY-1 8/16/2023
- CTRY-2 7/26/2023
- TYLR-1 7/25/2023
- TYLR-2 8/18/2023

Compiled field data from this monitoring are presented in Appendix K, and the computed indicators for evaluating physical habitat quality are presented in Appendix L. Finally, Appendix M provides tables with summary statistics for the indicators that are organized in the following categories:

- Bed stability (Table M-1)
- Channel dimensions (Table M-2)
- Fish cover (Table M-3)
- Habitat unit dimensions (Table M-4)
- Habitat unit extents (Table M-5)
- Large woody debris (Table M-6)
- Riparian cover (Table M-7)
- Riparian disturbance (Table M-8)
- Riparian vegetation structure (Table M-9)
- Sinuosity (Table M-10)
- Substrate (Table M-11)

Sediment Quality Monitoring

Sediment quality monitoring for WY2023 was completed at 17 of the fixed monitoring stations that are identified in the Experimental Design section of this document (excludes the stations in the Evans Creek watershed) on the following dates:

- MONT-1 9/8/2023
- MONT-2 9/12/2023
- MONT-3 9/21/2023
- MONT-4 8/9/2023
- MONT-5 7/13/2023
- TOSH-1 7/18/2023
- TOSH-2 8/24/2023
- TOSH-3 9/7/2023
- TOSH-4 8/28/2023
- COLIN-1 7/6/2023
- SIDL-1 8/11/2023
- SIDL-2 8/18/2022

- SIDL-3 9/15/2023
- CTRY-1 8/16/2023
- CTRY-2 7/26/2023
- TYLR-1 7/25/2023
- TYLR-2 8/18/2023

Field data laboratory reports and data quality audit forms from sediment quality sampling in WY2023 are provided in Appendix N. The memorandum documenting results from the quality assurance review that was performed on these data is provided in Appendix O. Based on this review, three values (total organic carbon for the TOSH-2, TOSH-4, and TYLR-2 stations) were qualified as estimates; no values were rejected. Total organic carbon, zinc, and copper concentrations measured in sediment samples are presented in Table 8. Concentrations of PAHs and phthalates are presented in Table 9 and Table 10, respectively.

Table 8. Concentrations of Total Organic Carbon, Copper, and Zinc Measured in Sediment Samples.[a]

Station	Watershed Type	Total Organic Carbon (percent)	Copper (mg/kg)	Zinc (mg/kg)
MONT-1	A	3.6	34	650
MONT-2	A	1.7	33	1,100
MONT-3	A	8.2	48	2,200
MONT-4	A	5.0	46	260
MONT-5	A	1.1	25	150
TOSH-1	A	4.5	22	640
TOSH-2	A	2	32	830
TOSH-3	A	1.6	25	660
TOSH-4	A	5.8	55	2,000
SIDL-1	R	1.4	24	81
SIDL-2	R	1.5	18	45
SIDL-3	R	4.7	19	90
COLIN-1	R	1.2	15	93
CTRY-1	C	2.5	30	460
CTRY-2	C	7.3	20	170
TYLR-1	C	2.2	45	480
TYLR-2	C	7.2	58	870

[a] Samples were processed (sieved) to make two unique samples. The first sample was sieved to less than 2.0 mm and analyzed for multiple organic compounds (PAHs and phthalates) and total organic carbon. The second sample was sieved to less than 63 µm and analyzed for metals (copper and zinc).

A = Application; C = Control; R = Reference

mg/Kg = milligram/kilogram

Table 9. Concentrations of Polycyclic Aromatic Hydrocarbons Measured in Sediment Samples.[a]

Station	Watershed Type	1-Methyl-naphthalene	2-Methyl-naphthalene	Ace-naphthene	Ace-naphthylene	Anthracene	Benzo(j,k)-fluoranthene	Benzo[a]-anthracene	Benzo[a]-pyrene	Benzo[b]-fluoranthene
MONT-1	A	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
MONT-2	A	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
MONT-3	A	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
MONT-4	A	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U
MONT-5	A	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
TOSH-1	A	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0074	0.039	0.037	0.045	0.062
TOSH-2	A	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.0066 U	0.02	0.015	0.019	0.028
TOSH-3	A	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.04	0.033	0.037	0.052
TOSH-4	A	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012
SIDL-1	R	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.01	0.0096
SIDL-2	R	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
SIDL-3	R	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
COLIN-1	R	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CTRY-1	C	0.005 U	0.005 U	0.0064	0.005 U	0.025	0.11	0.11	0.11	0.11
CTRY-2	C	0.015 U	0.015 U	0.015 U	0.015 U	0.026	0.041	0.047	0.038	0.036
TYLR-1	C	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
TYLR-2	C	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U

[a] Samples were processed (sieved) to make two unique samples. The first sample was sieved to less than 2.0 mm and analyzed for multiple organic compounds (PAHs and phthalates) and total organic carbon. The second sample was sieved to less than 63 µm and analyzed for metals (copper and zinc).

A = Application

C = Control

R = Reference

Table 9 (continued). Concentrations of Polycyclic Aromatic Hydrocarbons Measured in Sediment Samples.[a]										
Station	Watershed Type	Benzo[g,h,i]-perylene	Chrysene	Dibenz[a,h]-anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
MONT-1	A	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
MONT-2	A	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
MONT-3	A	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
MONT-4	A	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U	0.023 U
MONT-5	A	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U	0.0059 U
TOSH-1	A	0.0062 U	0.039	0.0062 U	0.11	0.0062 U	0.03	0.0062 U	0.042	0.071
TOSH-2	A	0.014	0.02	0.0066 U	0.044	0.0066 U	0.014	0.0066 U	0.025	0.034
TOSH-3	A	0.028	0.04	0.0077 U	0.081	0.0077 U	0.027	0.0077 U	0.037	0.062
TOSH-4	A	0.013	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
SIDL-1	R	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0073	0.0072 U	0.0072 U	0.0081
SIDL-2	R	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
SIDL-3	R	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
COLIN-1	R	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
CTRY-1	C	0.082	0.11	0.022	0.26	0.012	0.091	0.11	0.19	0.2
CTRY-2	C	0.019	0.041	0.015 U	0.064	0.015	0.022	0.015 U	0.083	0.088
TYLR-1	C	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U	0.0074 U
TYLR-2	C	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U

[a] Samples were processed (sieved) to make two unique samples. The first sample was sieved to less than 2.0 mm and analyzed for multiple organic compounds (PAHs and phthalates) and total organic carbon. The second sample was sieved to less than 63 µm and analyzed for metals (copper and zinc).

A = Application

C = Control

R = Reference

Table 10. Concentrations of Phthalates Measured in Sediment Samples.													
Station	Watershed Type	bis(2-Ethylhexyl)-phthalate		Di-n-butyl-phthalate		Di-n-octyl-phthalate		Butylbenzyl-phthalate		Diethyl-phthalate		Dimethyl-phthalate	
MONT-1	A	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
MONT-2	A	0.22	U	0.22	U	0.092	U	0.092	U	0.092	U	0.092	U
MONT-3	A	0.25	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U
MONT-4	A	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
MONT-5	A	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.03	U
TOSH-1	A	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.082	U
TOSH-2	A	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U
TOSH-3	A	0.21	U	0.21	U	0.077	U	0.077	U	0.077	U	0.077	U
TOSH-4	A	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U	0.24	U
SIDL-1	R	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U	0.036	U
SIDL-2	R	0.081	U	0.081	U	0.027	U	0.027	U	0.027	U	0.027	U
SIDL-3	R	0.16	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
COLIN-1	R	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.027	U
CTRY-1	C	0.2	U	0.2	U	0.2	U	0.1	U	0.1	U	0.1	U
CTRY-2	C	0.48		0.37	U	0.37	U	0.37	U	0.37	U	0.073	U
TYLR-1	C	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U
TYLR-2	C	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U

[a] Samples were processed (sieved) to make two unique samples. The first sample was sieved to less than 2.0 mm and analyzed for multiple organic compounds (PAHs and phthalates) and total organic carbon. The second sample was sieved to less than 63 µm and analyzed for metals (copper and zinc).

A = Application

C = Control

R = Reference

Biological Monitoring

Biological monitoring for WY2023 was completed at 17 of the fixed monitoring stations that are identified in the Experimental Design section of this document (excludes the stations in the Evans Creek watershed) on the following dates:

- MONT-1 9/8/2023
- MONT-2 9/12/2023
- MONT-3 9/21/2023
- MONT-4 8/9/2023
- MONT-5 7/13/2023
- TOSH-1 7/18/2023
- TOSH-2 8/24/2023
- TOSH-3 9/7/2023
- TOSH-4 8/28/2023
- COLIN-1 7/6/2023
- SIDL-1 8/11/2023
- SIDL-2 8/18/2022
- SIDL-3 9/15/2023
- CTRY-1 8/16/2023
- CTRY-2 7/26/2023
- TYLR-1 7/25/2023
- TYLR-2 8/18/2023

The laboratory report for biological monitoring in WY2023 is provided in Appendix P. The indicators computed from these data for use in evaluating stream health are summarized in Table 11.

Table 11. Computed Biological Indicators for Evaluating Stream Health.													
Station	Watershed Type	Overall Condition	Benthic Index of Biotic Integritya	Total Taxa Richness	Ephemeroptera Richness	Plecoptera Richness	Trichoptera Richness	Clinger Taxa Richness	Long-Lived Taxa Richness	Intolerant Taxa Richness	Percent Dominant (top 3)	Percent Predator Individuals	Percent Tolerant Individuals
MONT-1	A	Poor	38.2	24	3	3	3	9	4	0	38.20%	26.50%	8.80%
MONT-2	A	Poor	34.3	30	3	4	3	9	6	0	38.90%	7.60%	17.3%
MONT-3	A	Poor	20.2	19	1	2	2	4	4	0	52.60%	7.00%	10.50%
MONT-4	A	Very Poor	15.9	25	0	2	1	2	1	0	60.30%	8.60%	7.30%
MONT-5	A	Poor	21.7	27	3	3	5	8	3	0	51.80%	3.70%	29.30%
TOSH-1	A	Poor	22.4	28	2	2	2	7	4	0	45.90%	4.10%	10.10%
TOSH-2	A	Poor	26.4	16	1	3	4	8	4	0	40.40%	9.60%	23.10%
TOSH-3	A	Very Poor	9.5	19	2	2	1	6	3	0	57.70%	5.60%	47.90%
TOSH-4	A	Very Poor	4.0	11	1	1	1	5	4	0	69.60%	2.20%	39.10%
COLIN-1	R	Poor	26.5	22	3	3	1	4	3	0	50.8%	10.2%	0.0%
SIDL-1	R	Poor	21.4	31	4	2	3	11	6	3	79.20%	1.40%	69.10%
SIDL-2	R	Fair	58.2	37	3	6	6	13	7	3	50.80%	22.20%	1.90%
SIDL-3	R	Poor	23.0	7	0	1	2	4	4	1	60.00%	50.00%	20.00%
CTRY-1	C	Very Poor	12.6	19	1	1	1	5	5	0	81.20%	0.00%	5.10%
CTRY-2	C	Poor	29.0	27	3	3	4	8	4	1	53.50%	6.30%	7.90%
TYLR-1	C	Very Poor	13.4	13	2	2	2	5	2	0	56.10%	7.30%	31.70%
TYLR-2	C	Very Poor	10.6	25	1	1	1	4	1	0	61.90%	3.60%	11.30%

[a] Benthic Index of Biotic Integrity scores are on a scale of 0 to 100.

A = Application

C = Control

R = Reference

Effectiveness Monitoring

This section summarizes results from the Street Sweeping Effectiveness Monitoring that was conducted over WY2023. As noted in the Introduction section of this document, trend analyses reports will be prepared to summarize the results of statistical analyses that will be performed on the compiled data to detect potential relationships between increased street sweeping and improved receiving water conditions. Therefore, this data summary report does not provide detailed analyses of the monitoring results from WY2023. Results from this monitoring will be summarized in the trend analysis report that will be prepared at the end of WY2025.

Water quality sampling for the Street Sweeping Effectiveness Monitoring occurred concurrently with sampling for the Status and Trends Monitoring (Table 6) with two exceptions:

- The base flow sample for the first quarter of WY2023 was collected on October 26, 2022, instead of September 27, 2022. The antecedent dry period for this event was 21.2 hours at the Tosh station, which is below the target of 48 hours for base flow events. However, this was a unique event aimed at collecting baseline data for the Street Sweeping Effectiveness Monitoring prior to increasing street sweeping frequency in the Tosh Creek Watershed. Hence, this deviation from the guidelines for base flow event sampling from the QAPP was deemed acceptable.
- Sampling for 6PPD-Q and PAHs did not occur during the storm event that occurred on March 13, 2023, since this was a make-up event for missed sampling in a previous water year for the Status and Trends Monitoring.

Field data collection forms, chain-of-custody records, laboratory reports, and data quality audit forms from the storm event and base flow sampling during WY2023 are provided in Appendix Q. The memorandum in Appendix G documents results from the quality assurance review that was performed on these data. As shown in Table 12, a total of 11 values for 6PPD-Q were qualified as estimates based on this review; and no values were rejected. Estimated values will be used with caution in subsequent trend analyses that will be performed for the study.

Table 12. Qualified Results from Effectiveness Monitoring Discrete Water Quality Sampling.

Event Date	Station	Water Quality Indicator	Reason for Qualification	Data Flag
1/20/2023	COUMI	6PPD-q	Elevated method blank detection limit	J
2/7/2023	COUMI, COUMO, TOSMI, TOSMO	6PPD-q	Extraction holding time exceedance (COUMI); Low surrogate recovery (COUMO, TOSMI, TOSMO)	J
3/2/2023	COUMI, COUMO	6PPD-q	Extraction holding time exceedance (COUMI); Low surrogate recovery (COUMO)	J
4/27/2023	COUMO, TOSMO	6PPD-q	Low surrogate recovery	J
7/11/2023	COUMO	6PPD-q	Method blank contamination	J
1/20/2023	COUMO	6PPD-q	Field duplicate exceedance	J

J = Value qualified as an estimate based on quality assurance review.

Appendix R presents tables with the following summary statistics for 6PPD-Q and PAHs concentrations measured in storm event and base flow samples over WY2023:

- N (sample size)
- Minimum
- 25th Percentile
- Median
- 75th Percentile
- Maximum
- Interquartile range
- Percent detected

In addition, Appendix S presents box and whisker plots that were developed from these same data that show the minimum and maximum values (lower and upper whiskers, respectively), 25th and 75th percentile values (lower and upper box edges, respectively), and median value (line in box). When nondetect values were present in the data, a value of one-half the detection limit was used in the computation of summary statistics.

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Appendix A

Bear Creek CMAC Retrofit

HERRERA
Science + Planning + Design

TECHNICAL INFORMATION REPORT

BEAR CREEK CMAC RETROFIT



Department of Natural Resources and Parks
Water and Land Resources Division

Note:
Some pages in this document have been purposely skipped or blank pages inserted so that this document will print correctly when duplexed.

TECHNICAL INFORMATION REPORT

BEAR CREEK CMAC RETROFIT

Prepared for

King County

Department of Natural Resources and Parks
Water and Land Resources Division
201 South Jackson Street, Suite 600
Seattle, Washington 98104

Prepared by
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FINAL (Revision 1)
June 16, 2022

PRINTED ON RECYCLED PAPER

Prepared by:

King County Department of Natural Resources and Parks, Water and Land Resources Division, Stormwater Services Section

Herrera Environmental Consultants, Inc.

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Alternate Formats Available.

Call (206) 477-4800 or TTY 711

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ENGINEER'S STAMP

This DRAFT report has been prepared under the supervision of a professional engineer registered in the State of Washington.



Christopher J. Webb, PE	June 16, 2022
Name	Date

PROJECT OVERVIEW

The Bear Creek CMAC project proposes to replace existing outlet control structure risers at two detention pond locations near Redmond, Washington, owned and operated by King County Department of Natural Resources and Parks, Water and Land Resources Division (KC DNRP WLRD). The project is subject to the 2021 King County Surface Water Design Manual (KCSWDM), the manual in effect at the time of project design and permitting.

The two project site locations are just outside of the City of Redmond city limits. The Crown Heights and Wyndham Knoll project locations are shown in Figure 2, Site Location. The existing standard risers at the project sites will be replaced with risers fitted with an OptiRTC Continuous Monitoring and Adaptive Control (CMAC) system. The CMAC system is a remote-operated flow control valve that is functionally equivalent to the standard outlet control structure for detention ponds, as per the Washington State Department of Ecology functional equivalence letter dated November 1, 2018 (see Appendix D).

The proposed project is determined to be subject to a Targeted Drainage Review Category #2, per KCSWDM Section 1.1.2.2 and Figure 1.1.2.A. A summary of requirements and proposed mitigation is provided in Figure 1, TIR Worksheet.

EXISTING SITE CONDITIONS

The Crown Heights and Wyndham Knoll detention ponds detain runoff from surrounding residential developments and undeveloped areas. The Crown Heights detention pond facility captures runoff from approximately 15.6 acres of tributary area. Outflow from the pond is conveyed through buried stormwater pipes 0.35 miles before discharging into the Wyndham Knoll detention pond. The Wyndham Knoll detention pond receives runoff from approximately 32.7 acres of tributary area(inclusive of that managed by the Crown Heights facility).

The Crown Heights detention pond discharges to a 54 inch-diameter WSDOT Type 2 Catch Basin containing an 18 inch-diameter corrugated metal multi-orifice riser structure. The Wyndham Knoll detention pond outlets to a 72 inch-diameter WSDOT Type 2 Catch Basin containing an 18 inch-diameter corrugated metal multi-orifice riser structure. The OptiRTC Technical Memorandum found in Appendix A contains information about the existing site conditions including the riser structures orifice diameters. Table 1 compares the existing and proposed detention pond areas and control structures.

PROPOSED SITE CONDITIONS

OptiRTC CMAC flow control systems will replace the outlet control riser structures at both project locations. The active flow control valve at the Crown Heights location will be 8 inches in diameter; the active flow control valve at the Wyndham Knoll location will be 8 inches in diameter. The existing WSDOT Type 2 Catch Basins and outlet pipes will remain. The existing 54 inch corrugated metal multi-orifice riser structures with shear gates will be replaced with similar structures, fitted with the OptiRTC CMAC systems. Solar power supply control stations will be installed adjacent to the flow control structures at both project locations. Appendix A contains a detailed description of the proposed OptiRTC CMAC system retrofits. Table 2 compares the existing and proposed outlet structures at both project locations.

Although drainage areas have been delineated to represent existing conditions (Figure 3), precise basin delineations are not necessary for OptiRTC CMAC performance, as the CMAC valves will be calibrated in the field after installation.

This project will result in a maximum of 100 square feet of new hard surface (the solar panel and battery case) at each of the two project locations, for a total of 200 square feet of new hard surface. Table 1 shows expected new hard surface areas for each Threshold Discharge Area (TDA).

The Crown Heights project (TDA 1) will require a total land disturbance area of up to 380 square feet. The land disturbance at Crown Heights will consist of up to 140 linear feet of power conduit trenching, up to 2 feet wide, and up to 100 square feet of new impervious surface for installation of the rain gauge, solar panel, and controller, see Table 1.

The Wyndham Knoll project (TDA 2) will require a total land disturbance area of up to 320 square feet. The land disturbance at Wyndham Knoll will consist of up to 110 linear feet of power conduit trenching, up to 2 feet wide, and up to 100 square feet of new impervious surface for installation of the rain gauge, solar panel, and controller, see Table 1.

Table 1. Proposed New Hard Surfaces and Land Disturbance Areas.

Extent	Threshold Discharge Area (TDA)	New Hard Surface (SF)	Land Disturbance (SF)
Site (Both Project Locations)	Crown Heights (TDA 1)	100 (max.)	380 (max.)
	Wyndham Knoll (TDA 2)	100 (max.)	320 (max.)

Table 2. Existing and Proposed Flow Control Features.				
Extent	**Threshold Discharge Area (TDA)**	**Flow Control Feature**	**Existing Condition**	**Proposed Condition**
Site (Both Project Locations)	Crown Heights (TDA 1)	Detention Pond Top Area (SF)	9542	No changes
		Detention Pond Bottom Area (SF)	4176	No changes
		Catch Basin Inlet Pipe Diameter (inches) and Type	12" Corrugated Metal	No changes
		Catch Basin Outlet Pipe Diameter (inches) and Type	18" Concrete	No changes
		Catch Basin	54"-Diameter Type 2	No changes
		Outlet Control Structure	18" Corrugated Metal Multi-Orifice Riser Structure	18" Corrugated Metal Riser Structure with Shear Gate, Overflow, and 8" Valve with OptiRTC CMAC System
	Wyndham Knoll (TDA 2)	Detention Pond Top Area (SF)	10245	No changes
		Detention Pond Bottom Area (SF)	4838	No changes
		Inlet Pipe Diameter (inches) and Type	18" Concrete	No changes
		Outlet Pipe Diameter (inches) and Type	18" Concrete	No changes
		Catch Basin	72"-Diameter Type 2	No changes
		Outlet Control Structure	18" Corrugated Metal Multi-Orifice Riser Structure	18" Corrugated Metal Riser Structure with Shear Gate, Overflow, and 8" Valve with OptiRTC CMAC System

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 1 PROJECT OWNER AND PROJECT ENGINEER

Project Owner: STORMWATER SERVICES SECTION, KING CO DNRP

Phone: 206-477-4861

Address: 201 S JACKSON ST, STE #600 SEATTLE, WA 98104

Project Engineer: CHRIS WEBB, PE

Company: HERRERA ENVIRONMENTAL CONSULTANTS

Phone: 360-684-1740

Part 2 PROJECT LOCATION AND DESCRIPTION

Project Name: BEAR CREEK BASIC CMAC RETROFIT

DLS-Permitting

Permit #:

Location Township: 26, N

Range: 05, E

Section: 25

Site Address: 12801 172nd Ave N, Redmond WA 98502 AND 17617 NE 128th St, Redmond WA 98502

Part 3 TYPE OF PERMIT APPLICATION

- ☐ Land use (e.g.,Subdivision / Short Subd. / UPD)
- ☐ Building (e.g.,M/F / Commercial / SFR)
- ☐ Clearing and Grading
- ☐ Right-of-Way Use
- ☒ Other KING COUNTY INTERNAL PROJECT

Part 4 OTHER REVIEWS AND PERMITS[1]

- ☐ DFW HPA
- ☐ COE CWA 404
- ☐ ECY Dam Safety
- ☐ FEMA Floodplain
- ☐ COE Wetlands
- ☐ Other
- ☐ Shoreline Management
- ☐ Structural Rockery/Vault/
- ☐ ESA Section 7

Part 5 PLAN AND REPORT INFORMATION

Technical Information Report

Type of Drainage Review (check one):

- ☐ Full
- ☒ Targeted
- ☐ Simplified
- ☐ Large Project
- ☐ Directed

Date (include revision dates): Feb. 28, 2022 rev. May 27, 2022

Date of Final: May 27, 2022

Site Improvement Plan (Engr. Plans)

Plan Type (check one):

- ☐ Full
- ☒ Modified
- ☐ Simplified

Date (include revision dates): Feb. 28, 2022 rev. May 31, 2022

Date of Final: May 31, 2022

Part 6 SWDM ADJUSTMENT APPROVALS

Type (circle one): Standard / Experimental / (Blanket)

Description: (include conditions in TIR Section 2)

This project utilizes an OptiRTC Continuous Monitoring and Adaptive Control (CMAC) system as a functional equivalent to the standard outlet control structure for detention ponds, as described in the Stormwater Manual for Western Washington. This OptiRTC system achieved functional equivalence status on Nov 1, 2018 under the Washington Department of Ecology. King Co. has approved this system for previous retrofit projects.

Approved Adjustment No. _____ Date of Approval: _____

[1] DFW: WA State Dept. of Fish and Wildlife. HPA: hydraulic project approval. COE: (Army) Corps of Engineers. CWA: Clean Water Act. ECY: WA State Dept. of Ecology. FEMA: Federal Emergency Management Agency. ESA: Endangered Species Act.

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 7 MONITORING REQUIREMENTS

Monitoring Required: Yes / (No)

Start Date: _____

Completion Date: _____

Describe: Monitoring will be provided voluntarily, but is not required.

Re: KCSWDM Adjustment No. _____

Part 8 SITE COMMUNITY AND DRAINAGE BASIN

Community Plan : BEAR CREEK BASIN PLAN

Special District Overlays: _____

Drainage Basin: Bear Creek, Sammamish Watershed, Cedar-Sammamish, WRIA 8

Stormwater Requirements: _____

Part 9 ONSITE AND ADJACENT SENSITIVE AREAS

- [X] River/Stream: Unclassified stream ~850 ft downstream from WK site (KC iMap, 1990 SAO)
- [ ] Lake _____
- [X] Wetlands: Wetland Complex d/s of Wyndham Knoll
- [ ] Closed Depression _____
- [ ] Floodplain _____
- [ ] Other _____
- [ ] Steep Slope _____
- [ ] Erosion Hazard _____
- [ ] Landslide Hazard _____
- [ ] Coal Mine Hazard _____
- [ ] Seismic Hazard _____
- [ ] Habitat Protection _____
- [ ] _____

Part 10 SOILS

Soil Type	Slopes	Erosion Potential
Alderwood (AgC)	8% to 15%	N/A. (No land disturbance proposed.)

- [ ] High Groundwater Table (within 5 feet)
- [ ] Other _____
- [ ] Sole Source Aquifer
- [ ] Seeps/Springs

- [ ] Additional Sheets Attached

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 11 DRAINAGE DESIGN LIMITATIONS

REFERENCE	LIMITATION / SITE CONSTRAINT
☐ Core 2 – Offsite Analysis	
☐ Sensitive/Critical Areas	
☐ SEPA	
☐ LID Infeasibility	
☐ Other	
☐	

☐ Additional Sheets Attached

Part 12 TIR SUMMARY SHEET (provide one TIR Summary Sheet per Threshold Discharge Area)

Threshold Discharge Area: (name or description)	Crown Heights
Core Requirements (all 8 apply):	
Discharge at Natural Location	Number of Natural Discharge Locations: 1
Offsite Analysis	Level: (1) / 2 / 3 dated: January 21, 2022
Flow Control (include facility summary sheet)	Level: 1 / 2 / 3 or Exemption Number _____ Flow Control BMPs Detention pond (existing); OptiRTC CMAC structure
Conveyance System	Spill containment located at: _____
Erosion and Sediment Control / Construction Stormwater Pollution Prevention	CSWPP/CESCL/ESC Site Supervisor: N/A. No significant ground disturbance proposed. Contact Phone: _____ After Hours Phone: _____
Maintenance and Operation	Responsibility (circle one): Private / (Public) If Private, Maintenance Log Required: Yes / No
Financial Guarantees and Liability	Provided: Yes / (No)
Water Quality (include facility summary sheet)	Type (circle one): Basic / Sens. Lake / Enhanced Basic / Bog or Exemption No. _____ Landscape Management Plan: Yes / (No)
For Entire Project: % of Target Impervious that had a feasible FCBMP implemented N/A.	Total Replaced Impervious surfaces on the site None. Total New Pervious Surfaces on the site Less than 100 sf. new impervious Repl. Imp. on site mitigated w/flow control facility None. Repl. Imp. on site mitigated w/water quality facility None. Repl. Imp. on site mitigated with FCBMP None.

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 12 TIR SUMMARY SHEET (provide one TIR Summary Sheet per Threshold Discharge Area)

Special Requirements (as applicable):

Area Specific Drainage Requirements	Type: CDA / SDO / MDP / BP / LMP / Shared Fac. / (None) Name: _____
Floodplain/Floodway Delineation	Type (circle one): Major / Minor / Exemption / None 100-year Base Flood Elevation (or range): _____ Datum:
Flood Protection Facilities	Describe:
Source Control (commercial / industrial land use)	Describe land use: Describe any structural controls: N/A.
Oil Control	High-use Site: Yes / (No) Treatment BMP: CMAC retrofit will maintain existing oil spill control functionality. Maintenance Agreement: Yes / No with whom? Maintained by King County DNRP.

Other Drainage Structures

Describe:

Part 13 EROSION AND SEDIMENT CONTROL REQUIREMENTS

MINIMUM ESC REQUIREMENTS DURING CONSTRUCTION

- ☐ Clearing Limits
- ☐ Cover Measures
- ☐ Perimeter Protection
- ☐ Traffic Area Stabilization
- ☐ Sediment Retention
- ☐ Surface Water Collection
- ☐ Dewatering Control
- ☐ Dust Control
- ☐ Flow Control
- ☐ Protection of Flow Control BMP Facilities (existing and proposed)
- ☒ Maintain BMPs / Manage Project

MINIMUM ESC REQUIREMENTS AFTER CONSTRUCTION

- ☒ Stabilize exposed surfaces
- ☐ Remove and restore Temporary ESC Facilities
- ☐ Clean and remove all silt and debris, ensure operation of Permanent Facilities, restore operation of Flow Control BMP Facilities as necessary
- ☐ Flag limits of SAO and open space preservation areas
- ☒ Other Construction to occur during the dry season and be stabilized prior to September 30.

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 11 DRAINAGE DESIGN LIMITATIONS

REFERENCE	LIMITATION / SITE CONSTRAINT
☐ Core 2 – Offsite Analysis	
☐ Sensitive/Critical Areas	
☐ SEPA	
☐ LID Infeasibility	
☐ Other	
☐	

☐ Additional Sheets Attached

Part 12 TIR SUMMARY SHEET (provide one TIR Summary Sheet per Threshold Discharge Area)

Threshold Discharge Area: (name or description)	Wyndham Knoll
Core Requirements (all 8 apply):	
Discharge at Natural Location	Number of Natural Discharge Locations: 1
Offsite Analysis	Level: (1) / 2 / 3 dated: January 21, 2022
Flow Control (include facility summary sheet)	Level: 1 / 2 / 3 or Exemption Number _____ Flow Control BMPs Detention pond (existing); OptiRTC CMAC structure
Conveyance System	Spill containment located at: _____
Erosion and Sediment Control / Construction Stormwater Pollution Prevention	CSWPP/CESCL/ESC Site Supervisor: N/A. No significant ground disturbance proposed. Contact Phone: _____ After Hours Phone: _____
Maintenance and Operation	Responsibility (circle one): Private / (Public) If Private, Maintenance Log Required: Yes / No
Financial Guarantees and Liability	Provided: Yes / (No)
Water Quality (include facility summary sheet)	Type (circle one): Basic / Sens. Lake / Enhanced Basic / Bog or Exemption No. _____ Landscape Management Plan: Yes / (No)
For Entire Project: % of Target Impervious that had a feasible FCBMP implemented N/A.	Total Replaced Impervious surfaces on the site None. Total New Pervious Surfaces on the site Less than 100 sf. new impervious Repl. Imp. on site mitigated w/flow control facility None. Repl. Imp. on site mitigated w/water quality facility None. Repl. Imp. on site mitigated with FCBMP None.

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 12 TIR SUMMARY SHEET (provide one TIR Summary Sheet per Threshold Discharge Area)

Special Requirements (as applicable):

Area Specific Drainage Requirements	Type: CDA / SDO / MDP / BP / LMP / Shared Fac. / (None) Name: _____
Floodplain/Floodway Delineation	Type (circle one): Major / Minor / Exemption / None 100-year Base Flood Elevation (or range): _____ Datum:
Flood Protection Facilities	Describe:
Source Control (commercial / industrial land use)	Describe land use: Describe any structural controls: N/A.
Oil Control	High-use Site: Yes / (No) Treatment BMP: CMAC retrofit will maintain existing oil spill control functionality. Maintenance Agreement: Yes / No with whom? Maintained by King County DNRP.

Other Drainage Structures

Describe:

Part 13 EROSION AND SEDIMENT CONTROL REQUIREMENTS

MINIMUM ESC REQUIREMENTS DURING CONSTRUCTION

- ☐ Clearing Limits
- ☐ Cover Measures
- ☐ Perimeter Protection
- ☐ Traffic Area Stabilization
- ☐ Sediment Retention
- ☐ Surface Water Collection
- ☐ Dewatering Control
- ☐ Dust Control
- ☐ Flow Control
- ☐ Protection of Flow Control BMP Facilities (existing and proposed)
- ☒ Maintain BMPs / Manage Project

MINIMUM ESC REQUIREMENTS AFTER CONSTRUCTION

- ☒ Stabilize exposed surfaces
- ☐ Remove and restore Temporary ESC Facilities
- ☐ Clean and remove all silt and debris, ensure operation of Permanent Facilities, restore operation of Flow Control BMP Facilities as necessary
- ☐ Flag limits of SAO and open space preservation areas
- ☒ Other Construction to occur during the dry season and be stabilized prior to September 30.

TECHNICAL INFORMATION REPORT (TIR) WORKSHEET

Part 14 STORMWATER FACILITY DESCRIPTIONS (Note: Include Facility Summary and Sketch)

Flow Control	Type/Description		Water Quality	Type/Description
[X] Detention	(Existing)		[ ] Vegetated Flowpath	
[ ] Infiltration			[ ] Wetpool	
[ ] Regional Facility			[ ] Filtration	
[ ] Shared Facility			[ ] Oil Control	
[X] Flow Control BMPs	OptiRTC CMAC		[ ] Spill Control	
[ ] Other			[ ] Flow Control BMPs	
			[ ] Other	

Part 15 EASEMENTS/TRACTS

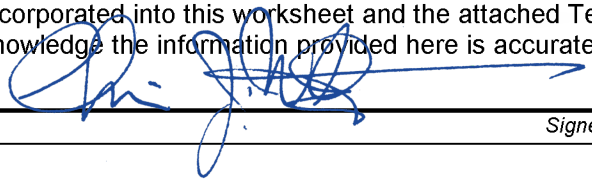
- [X] Drainage Easement (Existing)
- [ ] Covenant
- [ ] Native Growth Protection Covenant
- [ ] Tract
- [ ] Other _____

Part 16 STRUCTURAL ANALYSIS

- [ ] Cast in Place Vault
- [ ] Retaining Wall
- [ ] Rockery > 4' High
- [ ] Structural on Steep Slope
- [ ] Other _____

Part 17 SIGNATURE OF PROFESSIONAL ENGINEER

I, or a civil engineer under my supervision, have visited the site. Actual site conditions as observed were incorporated into this worksheet and the attached Technical Information Report. To the best of my knowledge the information provided here is accurate.



MAY 27, 2022

Signed/Date

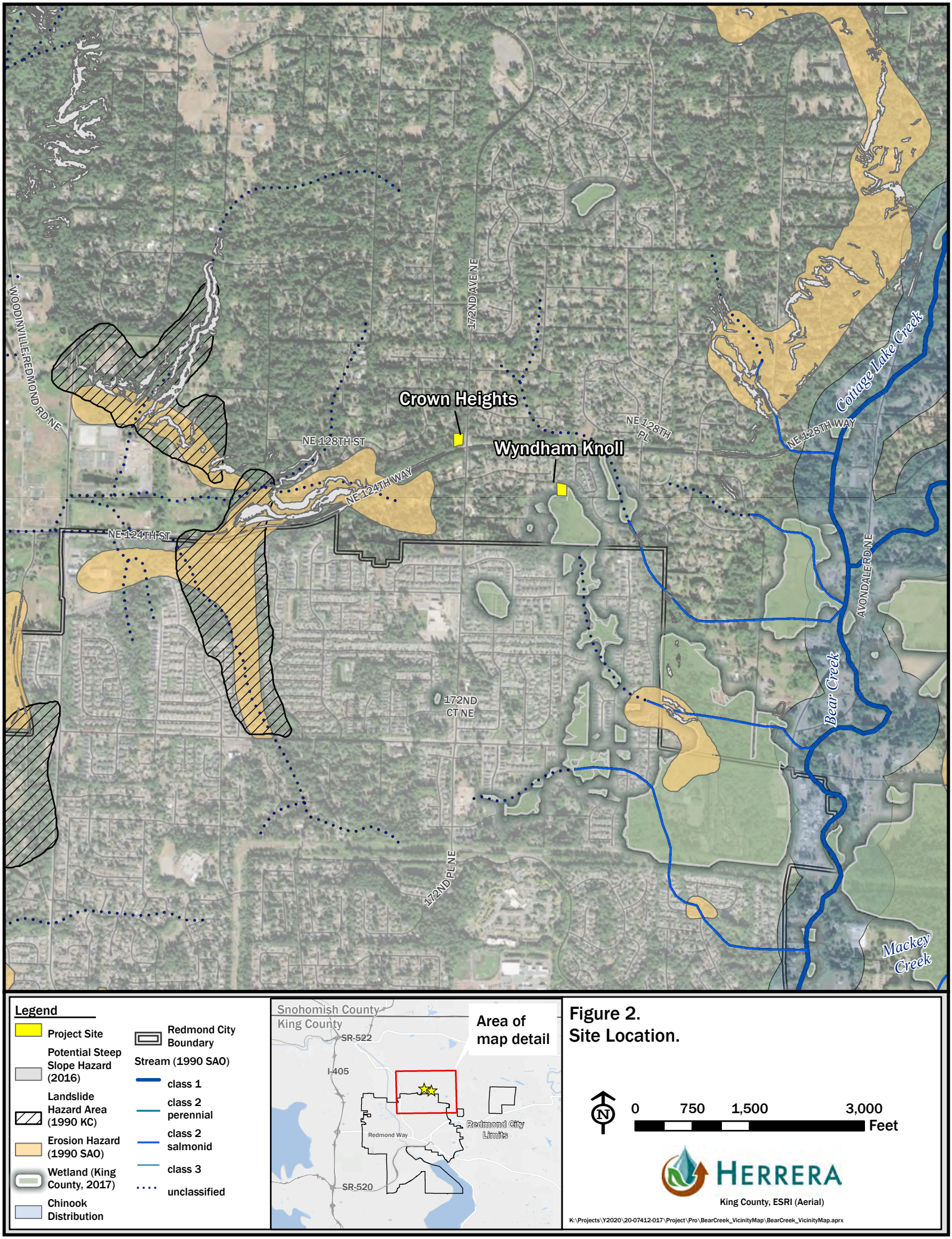
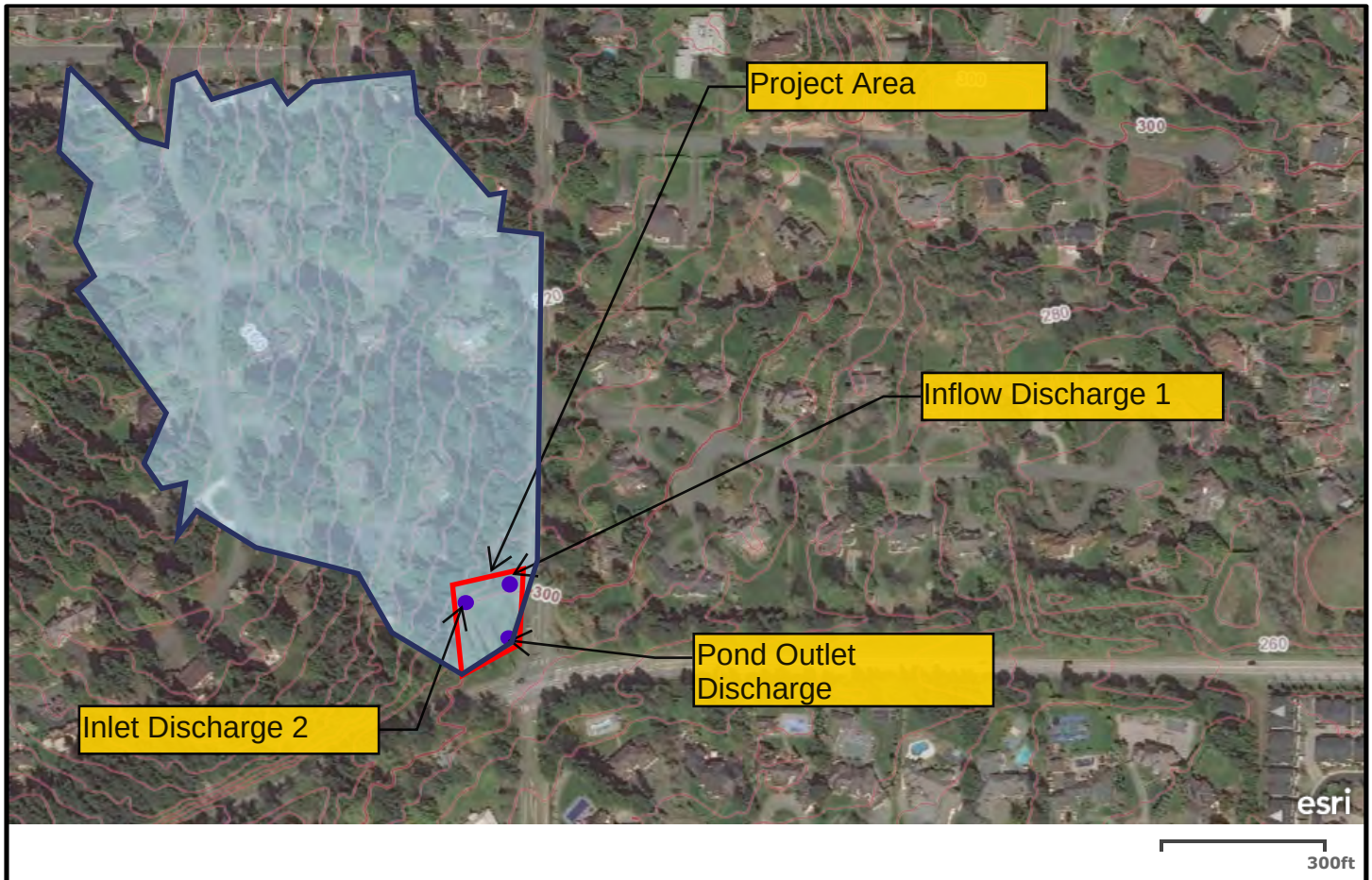


Figure 2.
Site Location.



WLRD Stormwater Services Section, KCGIS Center | Source: USGS, EPA | Copyright:© 2013 National Geographic Society, i-cubed | King County

Basin Name	Total Basin Area (AC)	On-Site Basin Area (AC)
Lower Bear Creek	4873	15.57

Legend

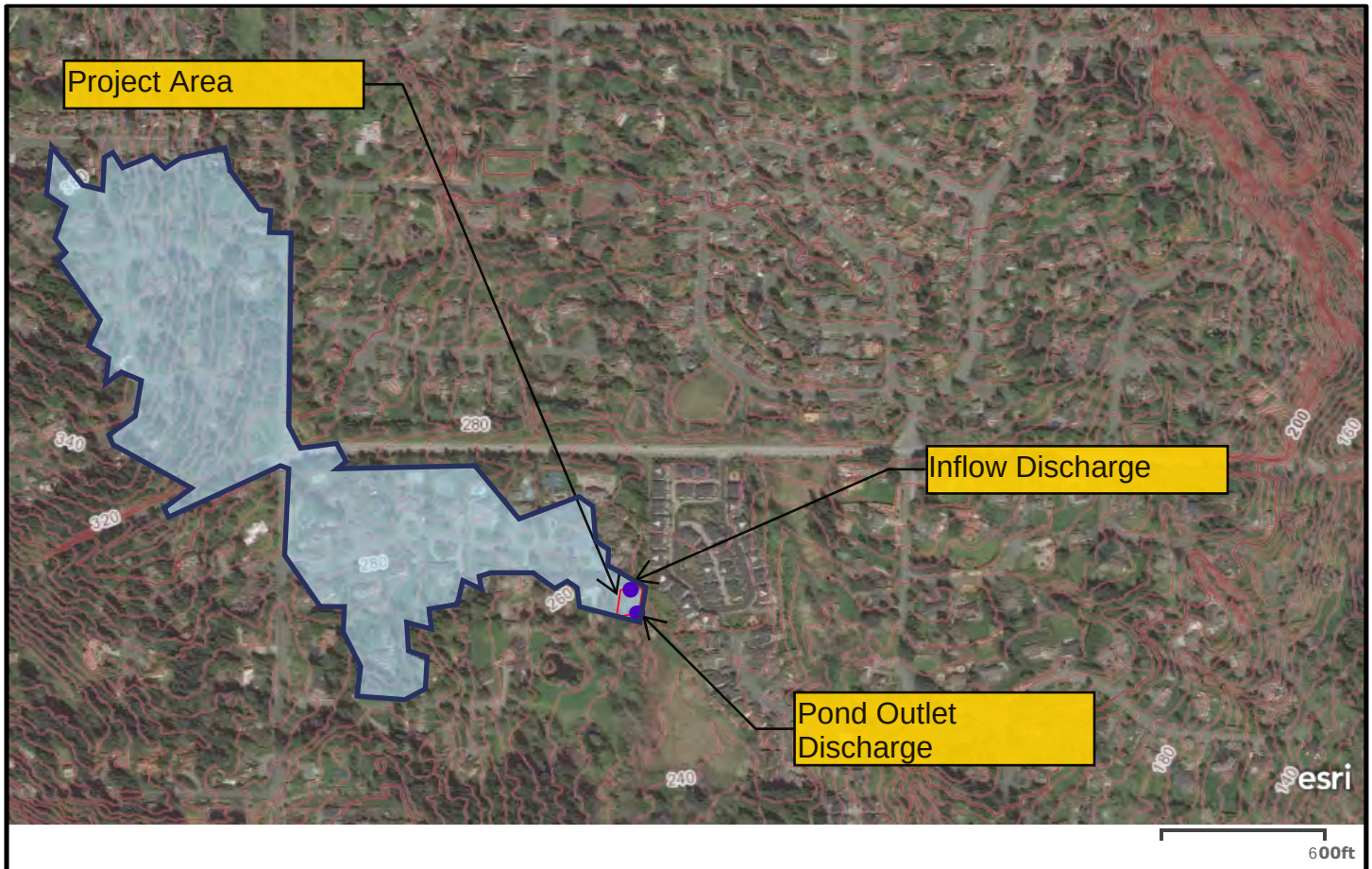
- Site Discharge Point*
- Project Site
- Drainage Basin Boundary (Herrera)
- 10 FT Contour

* Discharge from pond outlet flows to Wyndham Knoll (see "Wyndham Knoll, Figure 3)

Figure 3. Crown Heights: Drainage Basins, Subbasins, and Site Characteristics

N

Opti



600ft

WLRD Stormwater Services Section, KCGIS Center | Source: USGS, EPA | Copyright:© 2013 National Geographic Society, i-cubed | King County

Basin Name	Total Basin Area (AC)	On-Site Basin Area (AC)
Lower Bear Creek	4873	32.68

Legend

- Site Discharge Point
- Project Site
- Drainage Basin Area (Herrera)
- 10 FT Contour

Figure 3. Wyndham Knoll: Drainage Basins, Subbasins, and Site Characteristics

N

Opti



Legend

Project Site

Soil Classification Type

AgC (Outwash)

Figure 4. Crown Heights: Soils

Opti



Legend

Project Site

Soil Classification Type

AgC (Outwash)

Figure 4. Wyndham Knoll: Soils

Opti

CONDITIONS AND REQUIREMENTS SUMMARY

The project proposes to modify a drainage pipe that receives runoff from a 12-inch or larger drainage pipe and therefore requires drainage review. As per KCSWDM Section 1.1.2.2 and Figure 1.1.2.A (FLOW CHART FOR DETERMINING TYPE OF DRAINAGE REVIEW REQUIRED), it is subject to Targeted Drainage Review Category #2 and therefore must meet Core Requirements #1, #2, #4, #5, #6, #7, and Special Requirement #4. This public flow control retrofit project will result in up to 700 square feet of land disturbance to existing vegetated surface which will be restored in kind and up to 200 square feet of new impervious surface.

CORE REQUIREMENT #1: DISCHARGE AT THE NATURAL LOCATION

Drainage from the Crown Heights project location discharges to an existing stormwater conveyance system. Changes made by this project to the Crown Heights drainage hydrology average a 64 percent reduction in the modeled discharge rate compared with existing conditions. See the OptiRTC Technical Memorandum in Appendix A for hydrologic modeling results. No changes will be made to the downstream conveyance or discharge point.

Drainage from the Wyndham Knoll outlet structure discharges to the surface within its parcel. Changes made by this project to the Wyndham Knoll drainage hydrology average a 68 percent reduction in the modeled discharge rate compared with existing conditions. See the OptiRTC Technical Memorandum in Appendix A for hydrologic modeling results. No changes will be made to the downstream conveyance or discharge point.

CORE REQUIREMENT #2: OFFSITE ANALYSIS

A Level 1 downstream analysis was conducted on January 21, 2022, by Christopher Webb, PE of Herrera to identify potential offsite drainage and water quality issues that may be exacerbated by the proposed project. No issues requiring a change in design were identified; see Offsite Analysis (page 21) for a detailed description of reviewed references and the field inspection.

CORE REQUIREMENT #3: FLOW CONTROL

This project will add up to 200 square feet of new hard surface and will have no replaced hard surfaces. As per the Exemption from Core Requirement #3, this project is exempt because it

meets both 1) less than 5,000 square feet of new plus replaced impervious surface will be created, 2) less than 3/4 acres of new pervious surface will be added.

However, this project is expected to improve the flow control facilities by installing the proposed OptiRTC CMAC systems. They are expected to reduce critical flows when compared with existing conditions. Model results show that critical flows will be reduced by an average of 64 percent at the Crown Heights location and an average of 68 percent at the Wyndham Knoll location. The OptiRTC Technical Memorandum in Appendix A contains information on the performance of the proposed retrofits and WWHM modelling results for both locations.

Core Requirement #4: Conveyance System

No changes will be made to the conveyance system at either project location.

Core Requirement #5: Erosion and Sediment Control

Up to approximately 380 square feet of land disturbance may be required for project completion at the Crown Heights location and up to approximately 320 square feet of land disturbance will be required for project completion at the Wyndham Knoll location. This maximum total of 700 square feet of land disturbance will be related to the installation of power conduit and small foundations for the solar power and control equipment.

This disturbance will occur within the pasture landcover adjacent to the ponds and based on the anticipated construction methods is expected to be stabilized with mulch and seed within 2 days of construction. Construction is planned to occur prior to September 30th within the dry season. Therefore, due to the limited extent and duration of exposed soils and occurring only during the dry season, no structural erosion control BMPs are proposed in addition to the stabilization of exposed soils following installation of the conduit and foundations.

A Construction Stormwater Pollution Prevention (CSWPP) plan will be included in the plan set for the proposed project and will provide temporary Erosion and Sediment Control (ESC) measures and the Stormwater Pollution Prevention and Spill Control (SWPPS) information. The plan will be per the standards described in the King County *Construction Stormwater Pollution Prevention Standards* (KCSWDM Appendix D).

Core Requirement #6: Maintenance and Operations

The existing drainage facilities are maintained and operated by KCDNRP and will continue to be maintained and operated by KCDNRP after the installation of the OptiRTC CMAC system. Following the installation of the OptiRTC CMAC system, all current Maintenance & Operations activities for the facility will continue. There will be additional Maintenance & Operations activities specific to the OptiRTC CMAC system. These OptiRTC CMAC system specific activities are described in the OptiRTC Maintenance & Operations manual provided in Appendix B.

Core Requirement #7: Financial Guarantees and Liability

The existing and proposed flow control system retrofits will be owned and operated by KCDNRP. Therefore, the financial guarantee requirements of King County Ordinance 12020 and the liability requirements of King County Code 9.04.100 do not apply.

Core Requirement #8: Water Quality

Both TDAs are within a basic water quality treatment area (King County Water Quality Applications Map, KCDNRP, 1998). However, this project proposes to add a total of up to 200 square feet of new and no replaced impervious surfaces and is therefore exempt from providing water quality treatment per the Surface Area Exemption, Section 1.2.8 of the KCSWDM.

Core Requirement #9: Flow Control BMPs

This project proposes less than 2,000 square feet of new plus replaced impervious surface and is therefore exempt from Core Requirement #9.

Special Requirement #4: Source Control

The proposed project does not require a commercial building or commercial site development permit and is therefore exempt from Special Requirement #4.

OFFSITE ANALYSIS

A Level 1 offsite analysis was completed for the project site by Herrera Engineer Christopher Webb, PE. The installation of the OptiRTC CMAC system is anticipated to reduce discharge rates from the Crown Heights and Wyndham Knoll detention pond facilities and more closely match the pre-developed hydrology. As such, the Level 1 analysis did not identify any potential offsite drainage problems that would be exacerbated by the proposed retrofits. The four tasks completed for the Level 1 offsite analysis are described below.

TASK 1: STUDY AREA DEFINITION AND MAPS

Per KCSWDM Core Requirement #2, the offsite analysis extends downstream one mile from each proposed project discharge location. The proposed project lies within two TDAs in series: the discharge point from Crown Heights (TDA 1) is connected through piped conveyance to the inlet of the Wyndham Knoll detention facility (TDA 2), separated by 0.35 miles of flow path. A tributary basin of 32.7 acres of single-family residential area flows to the discharge point of the Wyndham Knoll TDA, including the 15.6-acre tributary area to the Crown Heights TDA discharge point. displays the offsite analysis study area and potential and existing problems identified during this analysis.

TASK 2: RESOURCE REVIEW

The following resources were reviewed for upstream and downstream existing and potential flooding, drainage, erosion, and water quality problems that the proposed project may impact.

1. King County Department of Natural Resources and Parks, Water and Land Resources Division. April 2018. *Bear Creek Watershed Management Study* (BCWMS). Report prepared in coordination with Snohomish County, City of Redmond, City of Woodinville, and Washington Department of Transportation, in compliance with NPDES Permit conditions.

    - Wetlands data set used in Figure 5 of above report (communication with King County GIS Center April 26, 2022).

2. King County Surface Water Management Division. *Bear Creek Basin Plan.* September 1995. Report prepared in coordination with Snohomish County Surface Water Management, and City of Redmond Stormwater Division.

3. King County GIS Center. King County iMap GIS data. Accessed January 20, 2022. <https://gismaps.kingcounty.gov/iMap/>. Data sets analyzed:
    - Potential landslide hazard areas and potential steep slope hazard areas (2016)
    - Erosion, landslide, seismic, and coalmine hazards (1990 Sensitive Areas Ordinance (SAO))
    - Streams and wetlands (1990 SAO)
    - Lakes and large rivers
    - Chinook distribution
    - Channel migration hazard areas
    - Local parcels with sensitive area notices on title
    - Critical aquifer recharge areas, areas susceptible to groundwater contamination, and wellhead protection areas (1-, 5-, and 10-year time of travel)
    - FEMA floodplains
4. Washington State Department of Ecology. Washington State Water Quality Atlas. Accessed January 20, 2022. <https://fortress.wa.gov/ecy/waterqualityatlas/StartPage.aspx>. Data sets analyzed:
    - 303(d) and 305(b) List
5. King County Department of Natural Resources and Parks, Water and Land Resources Division. Level 1 downstream drainage complaints. Received February 17, 2022. Complaint numbers analyzed:
    - 2012-0757
    - 2013-0307
    - 2017-0097
    - 2018-0298

The Crown Heights project location drains into existing stormwater conveyance pipes and discharges to the Wyndham Knoll project location detention pond facility. All pipes between the Crown Heights and Wyndham Knoll facilities are mapped by King County GIS as 18-inch-diameter pipes, except for one corrugated metal pipe mapped as 15-inch-diameter that crosses the intersection of 172nd Ave Northeast and Northeast 124th Way. On May 9, 2022, David

Garcia of Herrera measured the pipe mapped as 15-inch and confirmed that it is 18-inch. Herrera recommends King County updated its GIS data accordingly.

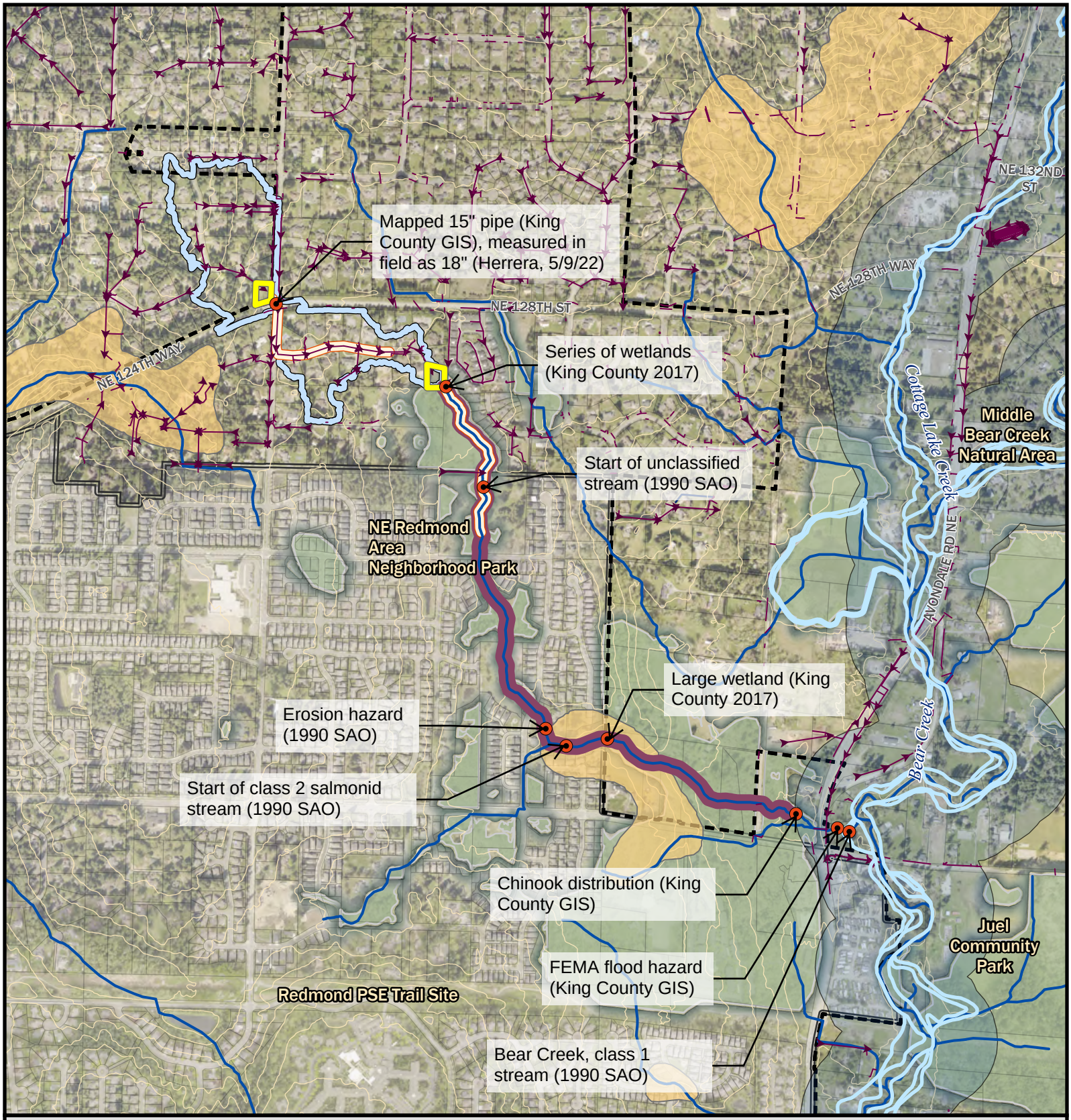
The reviewed resources identified wetlands in series adjacent to the Wyndham Knoll facility discharge point and continuing for approximately 0.50 miles, an unclassified stream 0.16 miles, an erosion hazard 0.53 miles, a class 2 salmonid stream 0.57 miles, Chinook distribution 0.91 miles, FEMA flood hazard approximately 1.0 miles, and class 1 stream (Bear Creek) 1.0 miles downstream of the Wyndham Knoll location.

The class 2 salmonid tributary to Bear Creek downstream of the Wyndham Knoll project location was identified to carry Total Maximum Daily Loads (TMDLs) for bacteria and temperature, and a Category 2 303(d) designation for bioassessment.

Reviewed downstream drainage complaints did not identify any issues requiring attention. The reviewed downstream drainage complaints are compiled in Appendix C.

The only potential existing problem identified through the reviewed resources was the 15-inch pipe downstream of an 18-inch pipe. However, field reconnaissance confirmed that the pipe size was mapped incorrectly, and it is 18-inch. There were no downstream flooding or erosion problems identified that are likely to be exacerbated by this project. Existing oil spill control functionality and emergency engagement of the existing flow control riser structure designs will remain in place at both locations.

In Summary, this project has not identified any existing or potential/predictable downstream flooding, erosion, and water quality problems requiring mitigation. See Figure 6 for the Off-Site Analysis Drainage System Table.



Legend

- Downstream Problem Location
- Quarter-Mile Downstream Flowpath
- Wyndham Knoll One Mile Downstream Flowpath
- King County Watercourse
- King County Closed Stormwater Conveyance
- King County Drainage Ditch
- FEMA Flood Hazard
- 20 ft Contour
- Site Boundary
- Parcel
- Wetland (King County, 2017)
- Project Drainage Basin
- Urban Growth Area
- Redmond City Boundary
- Chinook Distribution
- Erosion Hazard (1990 SAO)

Figure 5.
Offsite Analysis Site Map.

N

0 500 1,000 2,000 Feet

HERRERA

King County Aerial (2021)

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OFF-SITE ANALYSIS DRAINAGE SYSTEM TABLE
KING COUNTY SURFACE WATER DESIGN MANUAL, CORE REQUIREMENT #2

Basin:	Sammamish Watershed	Subbasin Name:	Bear Creek	Subbasin Number:		Date	05/25/2022

Symbol	Drainage Component Type, Name, and Size	Drainage Component Description	Slope	Distance from site discharge	Existing Problems	Potential Problems	Observations of field inspector, resource reviewer, or resident
see map	Type: sheet flow, swale, stream, channel, pipe, pond, flow control/wq BMP; Size: diameter, surface area	drainage basin, vegetation, cover, depth, type of sensitive area, volume	%	¼ ml = 1,320 ft.	constrictions, under capacity, ponding, overtopping, flooding, habitat or organism destruction, scouring, bank sloughing, sedimentation, incision, other erosion		tributary area, likelihood of problem, overflow pathways, potential impacts
	KC GIS mapped 15" CMP d/s from 18" pipe	Crown Heights (TDA 1)		90 FT	None	Under capacity	Inner diameter of pipe measured at 18 inches by Herrera Scientist, May 9, 2022
	Series of wetlands - continues for 0.5 miles (KC 2017)	Wyndham Knoll (TDA 2)		Adjacent	None	Changes to hydroperiod	Less than 200 sf new hard surfaces, CMAC retrofit modeled to reduce flow peaks and durations. Outside scope of category 2 targeted drainage review
	Unclassified Stream (1990 SAO)	Wyndham Knoll (TDA 2)		0.16 miles	None	Erosion or flooding	Retrofit reduces discharge peaks and durations. Unlikely to cause erosion or capacity problems.
	Erosion Hazard (1990 SAO)	Wyndham Knoll (TDA 2)		0.53 miles	Erosion hazard	Erosion	CMAC retrofit reduces discharge peaks and durations. Unlikely to cause erosion problems.
	Class 2 salmonid stream (1990 SAO)	Wyndham Knoll (TDA 2)		0.57 miles	None	Erosion or flooding	Retrofit reduces discharge peaks and durations. Unlikely to cause erosion or capacity problems.
	Large wetland (KC 2017)	Wyndham Knoll (TDA 2)		0.62 miles	None	Changes to hydroperiod	Project unlikely to cause problems.
	Chinook distribution (KC GIS)	Wyndham Knoll (TDA 2)		1.0 miles	None	Habitat impacts	Project unlikely to cause problems.
	FEMA flood hazard (KC GIS)	Wyndham Knoll (TDA 2)		1.07 miles	Flood hazard	Flooding	Project unlikely to cause problems.
	Bear Creek - class 1 stream (1990 SAO)	Wyndham Knoll (TDA 2)		1.08 miles	TMDL - bacteria, temperature	None	Project unlikely to cause problems.

TASK 3: FIELD INSPECTION

A field inspection was conducted in the morning on January 21, 2022; weather was mostly cloudy, and the temperature ranged from 41 to 47 degrees Fahrenheit. Weather the previous few days included about a quarter of an inch of precipitation. The project site and downstream areas accessible by public ROW were inspected. Adjacent wetlands downstream of the Wyndham Knoll facility were found during the Task 2 resource review and visually confirmed during the field inspection.

The observed project site facilities, control structures, land use, and topography is consistent with the facility record drawings and other information previously obtained. The control structure at the Crown Heights location contained standing water; see Figure 7. The Crown Heights location drains via an 18-inch diameter reinforced concrete pipe (RCP) to a system of buried stormwater pipes, through which it discharges to the Wyndham Knoll facility 0.35 miles downstream.

The control structure at the Wyndham Knoll location had water higher than the second orifice and sustained a steady baseflow; see Figure 8. The Wyndham Knoll location surface discharges within its parcel through an 18-inch-diameter pipe to an existing vegetated swale; see Figure 9. Directly downstream of the surface discharge point is a vegetated parcel, mapped as a wetland (BCWMS 2018).



Figure 7. Existing Multi-Orifice Riser and Control Structure at the Crown Heights Project Location.



Catch basin is sustaining high standing water level and steady baseflows.

Figure 8. Existing Control Structures for the Wyndham Knoll Project Location.



Project does not propose to change the discharge point or downstream conveyance at either location.

Figure 9. Surface Discharge Point from the Wyndham Knoll Control Structure.

TASK 4: DRAINAGE SYSTEM DESCRIPTION AND PROBLEM DESCRIPTIONS

Following is a description of the existing drainage system and any known associated problems.

Drainage System Descriptions

The Crown Heights detention pond receives runoff from two 6-inch pipes from the north. The pond then drains through a 12-inch-diameter corrugated metal pipe (CMP) into a 54-inch type 2 control structure, which drains into an 18-inch-diameter RCP. Drainage from an 18-inch-diameter pipe flowing south along 172nd Avenue Northeast joins discharge from Crown Heights through an 18-inch-diameter CMP, and then into a CMP that drains from northwest to southeast across the intersection of 172nd Avenue Northeast and Northeast 128th Street. This CMP is mapped by King County GIS as having a diameter of 15 inches, however, was field verified to be 18-inches. From there, an 18-inch-diameter line-corrugated polyethylene (LCPE) pipe system conveys the drainage south along 172nd Avenue Northeast. From there, the drainage combines with conveyance eastbound along Northeast 126th Place and continues through an 18-inch-diameter LCPE pipe system until it discharges into the Wyndham Knoll detention pond.

The Wyndham Knoll detention pond receives drainage from the Crown Heights conveyance system described in the previous paragraph and discharges into an 18-inch-diameter CMP, which flows into a 72-inch type 2 control structure and out through an 18-inch pipe. Runoff from an 18-inch concrete pipe flowing from the north joins the discharge from Wyndham Knoll within a 48-inch type 2 catch basin and drains south through a 24-inch-diameter pipe, discharging to a surface water course that flows south through an adjacent wetland (BCWMS 2018).

A series of mapped wetlands continue along the water course downstream of the Wyndham Knoll discharge point for approximately 0.5 miles (BCWMS 2018). The water source becomes an unclassified stream (1990 SAO, King County iMap) at Smith Woods 0.16 miles to the south of the discharge point. An erosion hazard is mapped (1990 SAO, King County iMap) 0.53 miles downstream of the discharge point. The water course becomes a class 2 salmonid stream approximately 0.57 miles downstream, and a large wetland (BCWMS 2018) begins at 0.62 miles downstream of the discharge point. The flow path encounters mapped Chinook distribution at 0.91 miles downstream of the discharge point. Bear Creek (class 1 stream) and a FEMA flood hazard zone are approximately 1.0 mile downstream of the project discharge point.

Problem Descriptions

As part of the Crown Heights downstream flow path, as described in the Drainage Problem Descriptions subsection above, water flows from an 18-inch pipe into a 15-inch-diameter pipe, as mapped by King County GIS. This pipe drains from northwest to southeast across the intersection of 172nd Avenue Northeast and Northeast 128th Street.

Herrera Scientist David Garcia measured the inner diameter of this pipe as 18 inches on May 9, 2022, Figure 10. The results of the field measurement relieve concerns that this pipe would present a downstream flow capacity problem. It is recommended that the size of this pipe be updated in the King County GIS database to reflect this field reconnaissance. No downstream conveyance system nuisance problems were identified.

A series of wetlands are mapped (BCWMS 2018) for the first one-half miles of the flow path downstream of the Wyndham Knoll discharge point. This project qualifies as a category 2 targeted drainage review retrofit project and is therefore exempt from flow control standards per Core Requirement 3. As such, potential impacts to wetlands hydrology need not be analyzed, per KCSWDM Section 1.2.2.1.1.



Figure 10. Field Measurement of Downstream End of Corrugated Metal Pipe Crossing Intersection of 172nd Avenue Northeast and Northeast 128th Street, May 9, 2022.

TASK 5: MITIGATION OF EXISTING OR POTENTIAL PROBLEMS

Potential downstream local flooding is expected to be reduced because the proposed project is modeled to reduce critical flows from both project locations. Per modelling conducted by OptiRTC, when compared to the existing conditions, the proposed project expects a modeled average reduction of 64 percent and 68 percent in critical flows from the Crown Heights and Wyndham Knoll locations, respectively. See Appendix A for hydrologic modeling results and discussion.

FLOW CONTROL, LOW IMPACT DEVELOPMENT (LID), AND WATER QUALITY FACILITY ANALYSIS AND DESIGN

The project proposes to modify a control structure that receives runoff from a 12 inch or larger pipe at each location, so must meet the requirements for a Category 2 Targeted Drainage Review, per KCSWDM Section 1.1.2.2 and Figure 1.1.2.A. This section of the report is not required for the project. However, while the proposed OptiRTC CMAC retrofits do not reach pre-developed flow conditions, they do reduce critical flows when compared with existing conditions. Model results show that critical flows will be reduced by an average of 64 percent at the Crown Heights location and an average of 68 percent at the Wyndham Knoll location. The OptiRTC Technical Memorandum in Appendix A contains more information on the proposed retrofits and WWHM model hydrological results for both locations.

EXISTING SITE HYDROLOGY

The existing detention pond facility project locations are situated in single family residence neighborhoods, with accompanying roads, landscaping, and trees. The land surface is vegetated and underlain by outwash soils. The site is divided into two Threshold Discharge Areas (TDAs): Crown Heights (TDA 1) and Wyndham Knoll (TDA 2). Stormwater runoff from the Crown Heights TDA leaves the site through a control structure and an 18-inch-diameter pipe system, from which it discharges into the Wyndham Knoll detention pond facility after 0.35 miles. Stormwater runoff from the Wyndham Knoll TDA leaves the site via an 18-inch pipe and control structure, where it discharges into a vegetated swale and water course through a series of wetlands, joining Bear Creek after 1.0 miles. All underlying soil is categorized as outwash, see Figure 4.

PROPOSED SITE HYDROLOGY

The proposed project site hydrology is characterized by reduced critical flows when compared to the existing site hydrology. Proposed site hydrology is discussed in the OptiRTC Technical Memorandum in Appendix A. The existing land surface will remain unchanged in the proposed condition, except for the addition of a maximum of 200 square feet of new impervious surface and an approximate maximum of 700 square feet of land disturbance for the entire project.

Performance Standards

The flow control portion of this report is not required, and performance standards do not apply.

FLOW CONTROL SYSTEM

Flow Control Facility (Core Requirement #3)

The project proposes installing an OptiRTC CMAC flow control retrofit at each location of the project site. Flow control is not a requirement of the Targeted Drainage Review; however, the Technical Memorandum in Appendix A reports the proposed flow control facility retrofits and hydrology. Appendix D contains the functional equivalency determination by the Washington State Department of Ecology for the OptiRTC CMAC system.

CONVEYANCE SYSTEM ANALYSIS AND DESIGN

No changes will be made to the conveyance systems upstream, at, or downstream of the project locations.

SPECIAL REPORTS AND STUDIES

No special reports or studies have been requested by King County, the permitting agency, at this time.

OTHER PERMITS

No other permits are anticipated to be required for the proposed project.

CSWPP PLAN ANALYSIS AND DESIGN

Approximately 380 square feet of site disturbance work will be required for completion of the proposed retrofit at the Crown Heights project location. Approximately 320 square feet of site disturbance work will be required for completion of the proposed retrofit at the Crown Heights project location. This project is therefore subject to small site requirements (less than one acre of disturbed land), per KCSWDM Appendix D, section D.3.2.

A small site CSWPP plan is included with the site plans for this project, see Appendix E. The small site CSWPP plan consists of two parts: the erosion sediment control (ESC) plan and the stormwater pollution prevention and spill control (SWPPS) plan. Both the ESC and SWPPS plans meet the requirements in KCSWDM Appendix D. Of the evaluated applicable stormwater pollution control measures, the following will be implemented for construction of this project:

- Construction Timing
    - All earthwork will occur during the dry season and the site will be stabilized before September 30.
- Control sediment
    - Undisturbed vegetation on site will be sufficient to act as a vegetated strip to mitigate surface runoff during construction.
- Final stabilization
    - Exposed soil will be stabilized by mulching and seeding after disturbance activities are complete.

BOND QUANTITIES, FACILITY SUMMARIES, AND DECLARATION OF COVENANT

This section is not applicable, as this project qualifies as a category 2 targeted drainage retrofit project and is internal to King County.

OPERATIONS AND MAINTENANCE MANUAL

King County currently operates and maintains the two pond facilities that are the subject to this project. The current operations and maintenance activities for these ponds will remain unchanged. Additional operations and maintenance activities specific to the OptiRTC CMAC system will be required. The additional Operations and Maintenance instructions specific to the OptiRTC CMAC system for these retrofits are included as Appendix B.

APPENDIX A

OptiRTC Technical Memorandum

356 Boylston St, 2nd Floor
Boston, MA 02116
1-844-OPTIRTC
www.optirtc.com

Preliminary Results from WWHM-CMAC Modeling for King County-owned Stormwater Facilities

Introduction

This memorandum outlines the preliminary results from initial modeling runs through Opti's Washington Department of Ecology approved continuous monitoring and adaptive control (CMAC) modeling tool to determine the relative improvements of pond retrofits with Opti's technology. The results presented in the memorandum are for planning purposes only to inform site selection of the highest potential benefit candidate facilities for retrofit.

Bear Creek Flow-Duration Curve Preliminary Modeling Results:

Two existing stormwater ponds located within the Bear Creek watershed in King County, WA were evaluated for the use of Opti Active Controls. The ponds, Wyndham Knoll and Crown Heights, are existing wet ponds that currently mitigate flows using a multi-staged riser structure with low-flow orifices. Using the Western Washington Hydrology Model (WWHM), flow-duration curves were calculated for these sites under the following scenarios:

1. Predeveloped conditions
2. Developed, unmitigated conditions
3. Developed, mitigated - passive (current conditions)
4. Developed, mitigated - active (Active Controls)

This analysis compared the duration of critical flow rates using continuous rainfall data for a 61 year period (1948 - 2009). The potential improvement in site performance was estimated using continuous simulation of the existing stormwater basins with and without active controls. Results indicate that implementing active controls at these ponds could enable substantial improvements over existing conditions, reducing the duration of flows within the critical range.

Stormwater Retrofit Overview:

Characteristics obtained from record drawings of each pond were used as model inputs (Table 1). For the active control scenario, the outlet structure was modeled by replacing the three existing orifices with an active valve that can modulate between 0 and 100% open. In all cases, the active valve was sized such that when fully open, the flow through the valve would at least match the discharge through the existing outlet structure at all stages.

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Table 1: Site Characteristics for Proposed Retrofits

	Crown Heights	Wyndham Knoll
Active Storage Volume (ac-ft)	0.406	0.575
Contributing Drainage Area (Acres)	16.63	26.2
Impervious Area (Acres)	6.25	7.86
Passive Outlet Diameter (in)	2.5” at 0.00 ft 2.75” at 1.04 ft 3.375” at 2.09 ft	1.5” at 0.00 ft 1.69” at 1.33 ft 2.0625” at 2.67 ft
Riser Diameter (in)	18	18
Proposed Active Valve Diameter (in)	8	6
Critical Erosive Flow Range - Lower Limit (cfs)	0.22	0.20
Critical Erosive Flow Range - Upper Limit (cfs)	1.14	2.78

Critical flows for the ponds in question were defined as the range between 50% of the 2-year pre-development flow (determined using WWHM assuming a forested condition) and the 10-year pre-development flow. Simulations were run with the goal of achieving pre-development flows, if possible, through the use of active controls.

In addition to the direct drainage area contributing to each stormwater facility, the modeled outflow from the Crown Heights facility was routed through a simple SWMM model and used as an additional direct inflow to the Wyndham Knoll facility.

Methodology and Results:

Western Washington Hydrology Model simulations were completed for the following scenarios to demonstrate CMAC benefits across the range of critical flows:

1. Predeveloped conditions
2. Developed, unmitigated conditions
3. Developed, mitigated - passive (current conditions)
4. Developed, mitigated - active (Active Controls)

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To simulate the active control scenario, runoff to the pond from WWHM was used as an input to a Washington Department of Ecology approved spreadsheet routing model that simulates Opti's control logic for use in demonstration level of service with Opti's technology. For all ponds, the duration (hours) exceeding the range of critical flows was compared for the four scenarios with the average reduction in flow between the active and passive conditions (Scenarios 3 & 4) shown in Table 2.

Table 2: Results Summary for Proposed Retrofits

	Crown Heights	**Wyndham Knoll**
Average Reduction in Critical Flow Durations *(Average of values in Figures 2 & 4)*	64%	68%
Retrofit Conditions	Plug existing passive low-flow outlets, add 8" active orifice to riser structure	Plug existing passive low-flow outlets, add 6" active orifice to riser structure

Pond 1: Crown Heights

The Crown Heights pond was modeled assuming a retrofit with an 8-inch continuously modulating valve in place of the three existing low flow orifices. The valve behavior was simulated using forecast-driven control logic which sought to minimize discharge from the site while ensuring sufficient available storage to capture future events, modeled over the 61 year simulation period. The flow-duration results and incremental benefit over the existing condition are shown in Figures 1 and 2, respectively.

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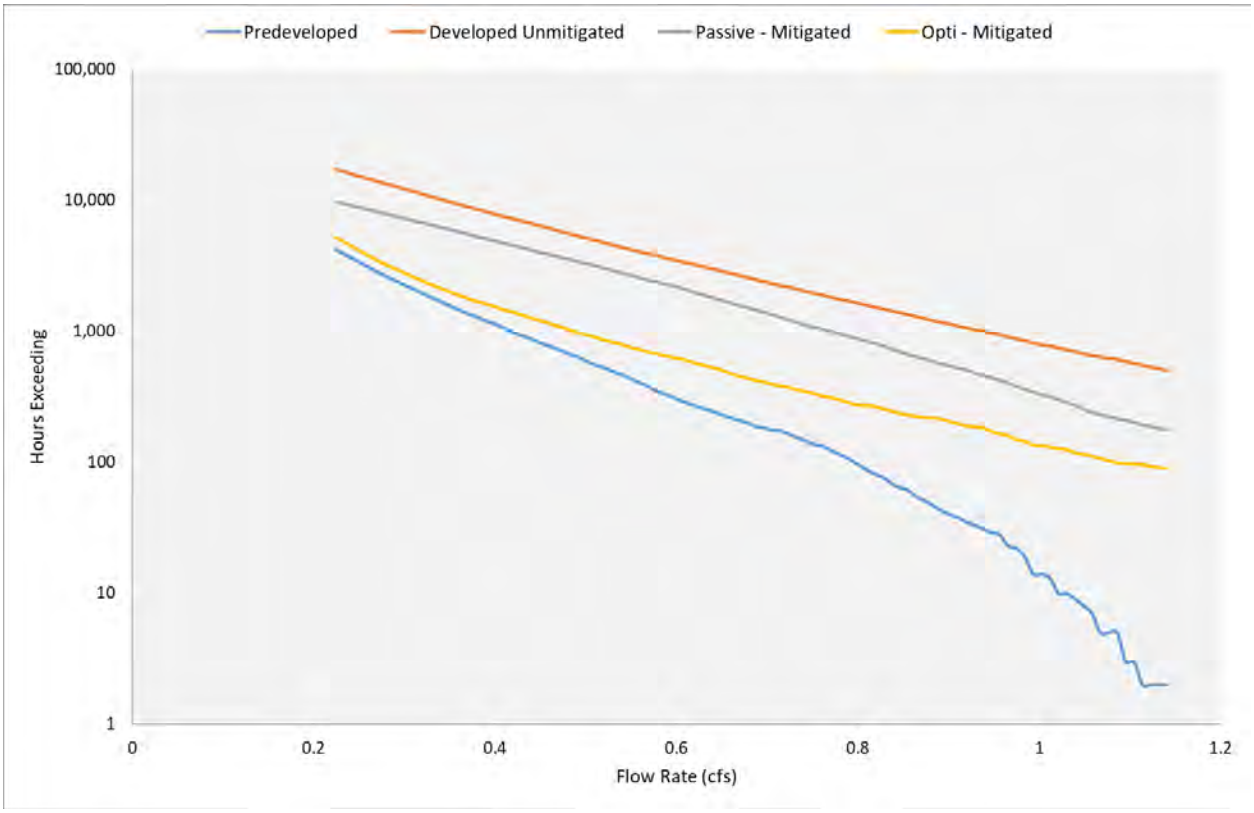

Figure 1: Flow-Duration Curve for Critical Flow Range at Crown Heights, Various Scenarios.

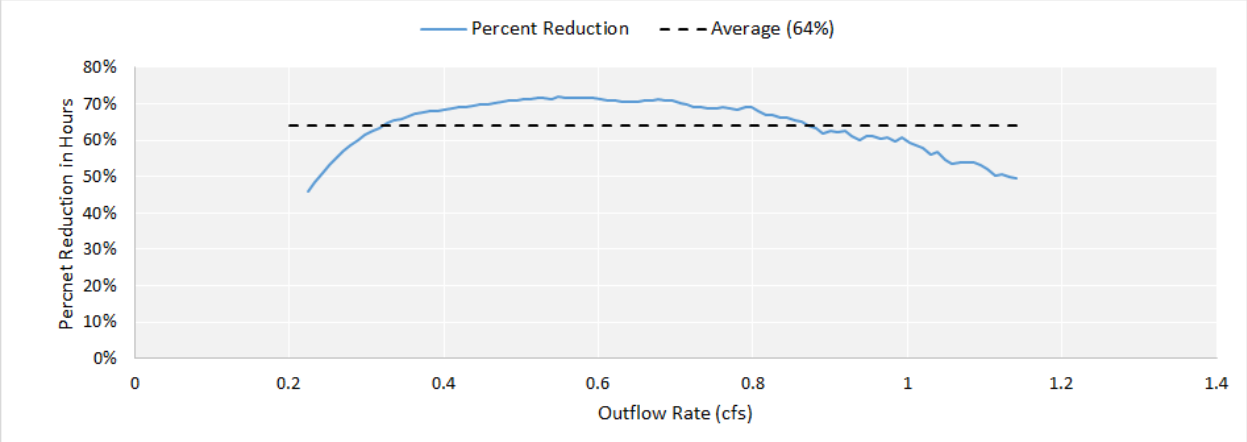

Figure 2: Incremental Flow Duration Benefit of Active Controls at Crown Heights.

Across the full range of critical flows, an incremental benefit was observed when comparing the active scenario to existing passive. While the pre-development condition was never achieved, on average a 64% reduction in hours exceeding the critical flows was calculated, showing substantial flow-control improvements.

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Pond 2: Wyndham Knoll

The Wyndham Knoll facility was modeled using a 6-inch diameter controlled valve replacing the existing series of low-flow orifices in the same configuration as Crown Heights. Durations (hours) of critical flows for all scenarios are shown in Figure 3. While the results of the Opti Mitigated scenario trended closely to the Passive Mitigated for flows less than 0.5cfs, overall a significant improvement was observed with an average of 68% reduction in critical flows across the range (Figure 4).

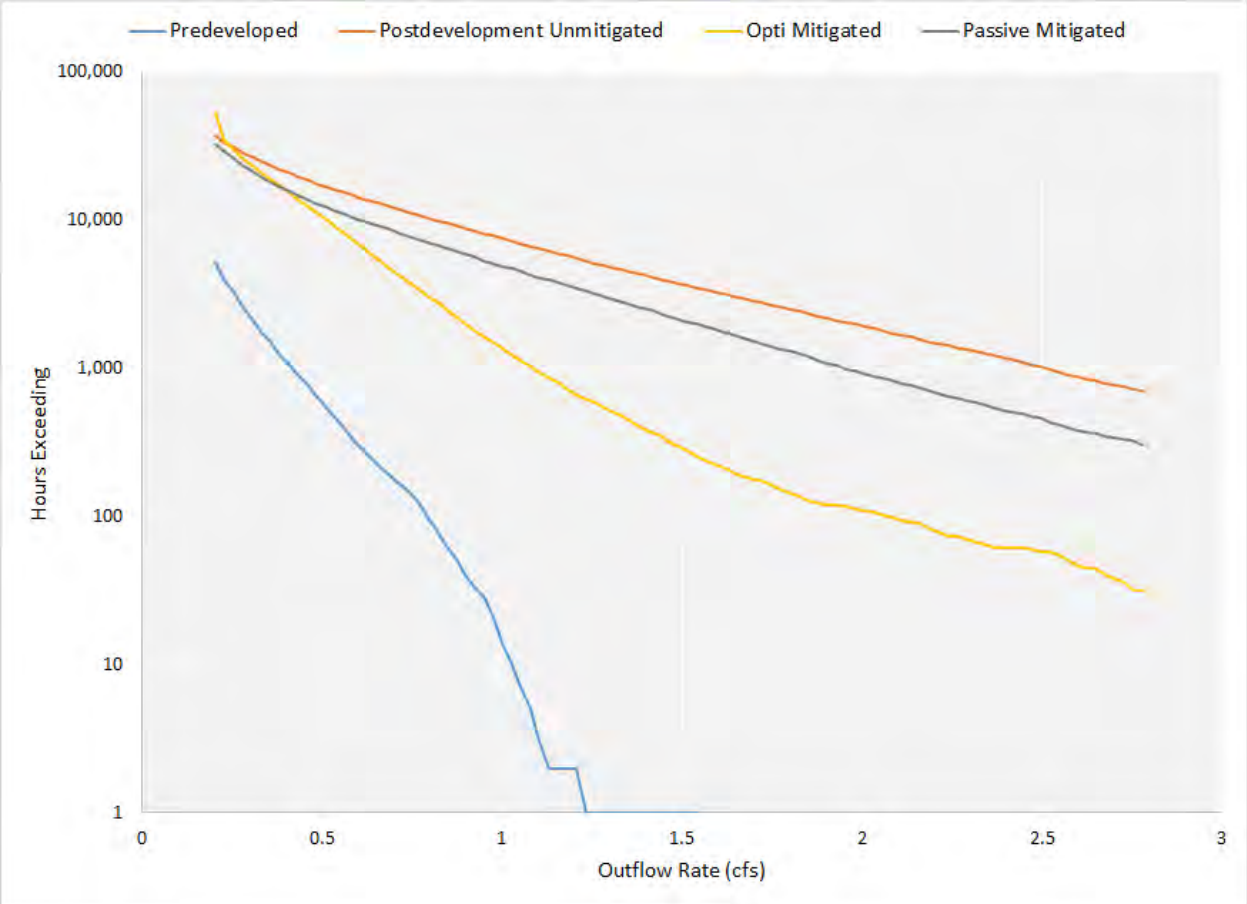

Figure 3: Flow-Duration Curve for Critical Flow Range at Wyndham Knoll, Various Scenarios.

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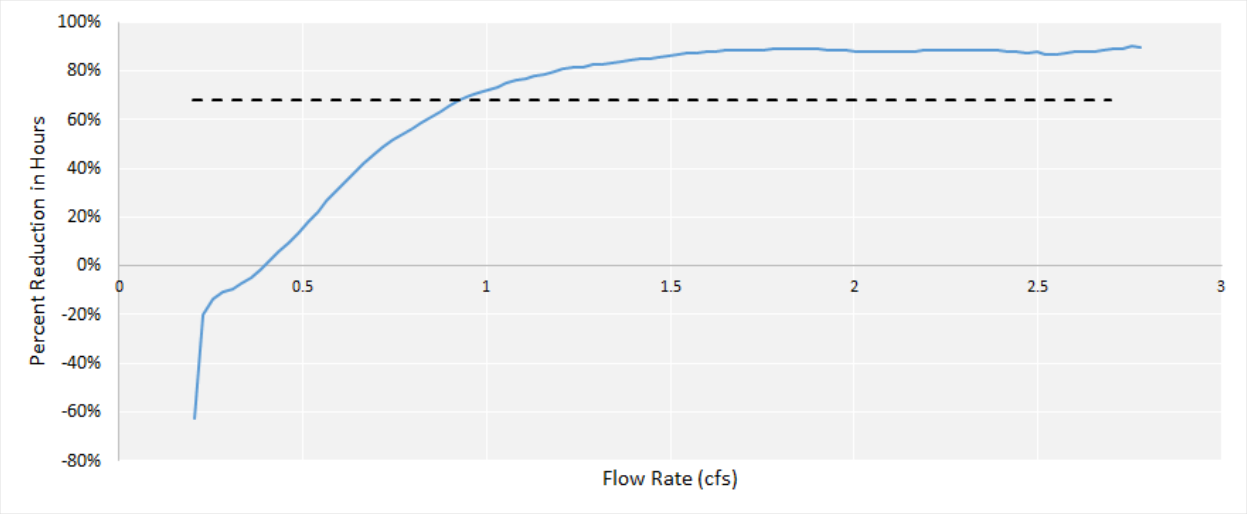

Figure 4: Incremental Flow Duration Benefit of Active Controls at Wyndham Knoll.

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APPENDIX B

Operations & Maintenance Manual

Opti Active Control Hardware Operations & Maintenance Manual

Prepared by

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LIST OF ACRONYMS

mA	Milliamp
NFPA	National Fire Protection Association
OSHA	Occupational Safety and Health Administration

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Safety Information

- Power must be turned off before servicing, modifying, or maintaining any equipment. Please refer to the de-energizing procedure.
- OptiRTC does not provide warranties for hardware beyond that of the vendor or manufacturer. It is the Owner's responsibility to verify hardware integrity prior to any on-site work.
- Only Qualified Personnel (according to OSHA 1910.332) should conduct electrical work on-site, and all work should conform to national and local electric codes (e.g. NFPA 70).
- Proper confined space entry procedures should be followed at all times when entering confined space outlet structures.

Contact Information

Contact Opti support or your designated Opti support engineer for online dashboard operation, site management, system operation questions, Opti services, and other support questions.

Email: support@optirtc.com
Phone: (844) 678-4782, Ext. 2

Necessary Tools

This is a list of tools routinely used for maintenance on Opti hardware.

- Panel key for unlocking the Opti Control Panel.
- Phillips Head screwdriver for opening panels.
- Small slotted 2.5mm screwdriver for changing screw and spring clamp terminal connections.
- Wire strippers and wire clips for installing sensors.
- Multimeter for checking connectivity and voltage. Be sure to understand multimeter use by using online tutorials from electronics websites such as iFixit and SparkFun.
- Soft cloth for cleaning solar panels.
- Bucket for calibrating water level sensors.
- Water depth gage for calibrating water level sensors.

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Introduction

This manual provides guidance for operating and maintaining the hardware for your Opti installation. Opti's active control technology integrates cloud-based software, sensors and flow or volume controls in the field, with the weather forecast to reduce flooding, improve water quality, control combined sewer wet weather flow, and/or restore ecological flow rates in streams.

Each Opti installation is unique and may include hardware not described in this manual. Contact Opti Support for questions about custom hardware maintenance.



Figure 1: Opti active control installation

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Hardware Information

The basic Opti active control configuration includes a power source, a control panel, a water level sensor, and a continuous actuator controlling a butterfly valve. Many Opti installations have site-specific hardware, including other sensors and other types of valves. Refer to site drawings for information on your hardware installation and component locations.

Opti Control Panel

To open the Opti Control Panel, unlock the lock on the panel. Depending on the type of panel, you may need to unlatch latches on the side, turn knobs, or use a large flathead screwdriver to access the swing door and the interior (Figure 2). As a security feature, Opti logs when the panel is accessed by sensing when the door is open or closed. Be sure to close and lock the panel after all on-site maintenance.

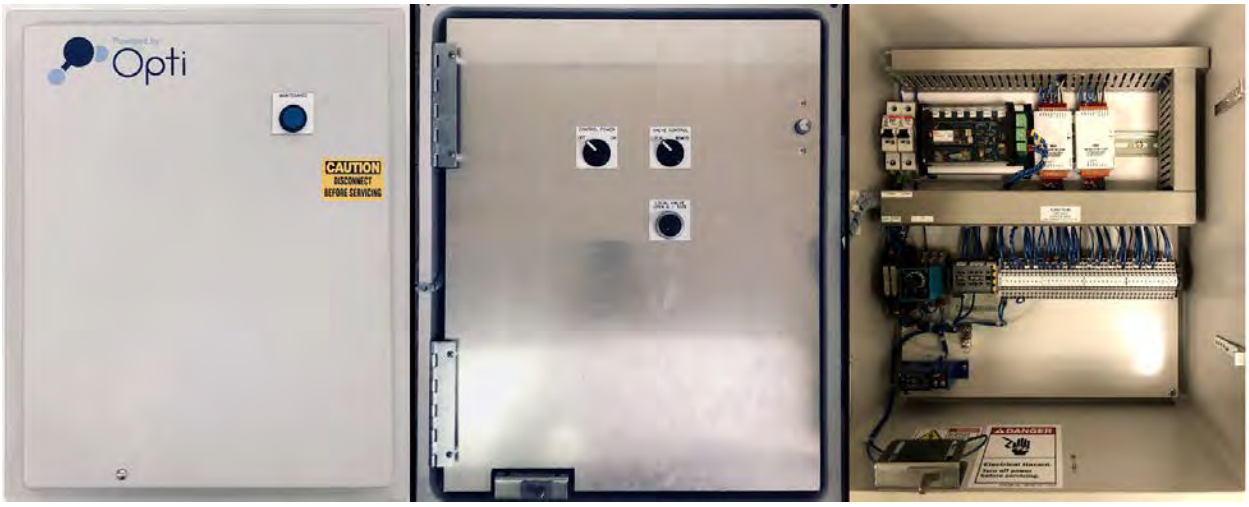

Figure 2: Opti Control Panel cover, swing door, and interior (left to right).

Swing Door

The control panel swing door is shown in Figure 3. The swing door has three switches for cycling power to the control panel, setting manual or remote control, and setting the valve position if the site is in manual mode. Note that the control power switch does not act as a circuit breaker.

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Figure 3: Opti Control Panel swing door controls

Control Panel Interior

An example control panel is shown in Figure 4. While there may be wiring differences between this example panel and the panel for your site, this image can guide you around the various parts that may be included in your panel. Before electrical maintenance, check the wiring and electrical diagrams prepared for your site.

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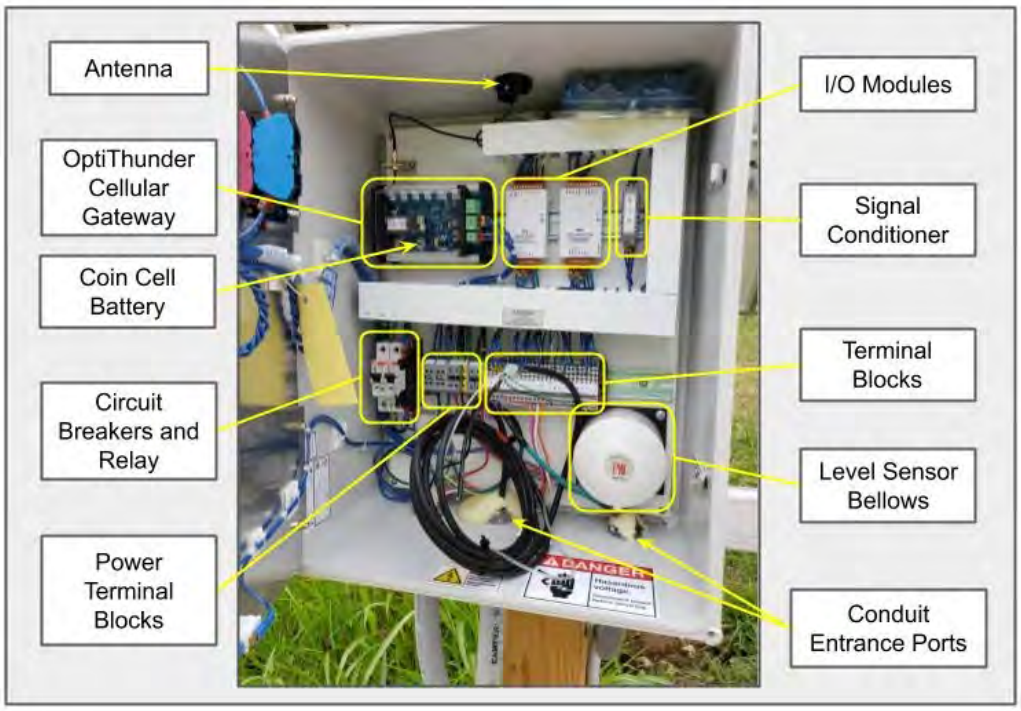

Figure 4: Opti control panel annotated with major components

OptiThunder Cellular Gateway

All electrical components in the control panel are controlled by the OptiThunder cellular gateway. OptiThunder is Opti's proprietary cellular gateway, which connects the panel to the Opti cloud platform. The OptiThunder cellular gateway receives, processes, and sends commands to and from all sources, and maintains failsafe behavior during long offline periods.

OptiThunder Indicator Lights

The OptiThunder cellular gateway processes all incoming sensor and battery information and connects the panel to the Opti cloud platform. When on site, the status indicator lights will provide the best indication of its behavior. During normal operation, the status light "breathes" cyan by fading in and out softly. Cycling power to the control panel will turn the OptiThunder cellular gateway off and on, and its indicator lights will provide information about its status as it changes (Table 1). There may also be a second, smaller LED that blinks red, which can be ignored.

If the OptiThunder cellular gateway is unable to establish a cloud connection after 5 minutes, power cycle the control panel using its circuit breaker to force OptiThunder to reconnect. If the issue persists contact Opti support staff for further assistance.

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Table 1: Common status indicator light signals

LED Color/Behavior	Explanation
Flashing Green	Connecting to cellular network
Flashing Cyan	Connecting to cloud
Breathing Cyan	Successfully connected to cloud
Blinking Blue	Check SIM card connection

I/O Modules

The I/O modules are used to manage signal inputs and outputs by converting sensor data signals to and from their various protocols. The OptiThunder cellular gateway communicates with the RS485 modbus communication protocol, and the I/O modules convert those signals to and from 4-20 mA and other sensor data signals.

Panel Circuit Breakers

Circuit breakers are labeled CB1 and CB2. When performing electrical maintenance, make sure both circuit breakers are turned off. CB1 controls power to the panel and CB2 controls power to the actuator.

Relay

The relay manages timed connections, and cycles power off and on to hardware which is powered on regular intervals.

Signal Conditioner

The signal conditioner manages the input signals from the manual controls on the swing door. It converts those inputs into 4-20 mA signals before they are read by the I/O modules. Typically, this is used to open and close the valve from the panel, bypassing Opti's online controls.

Terminal Blocks

Opti uses both screw terminals and spring clamp terminals. To insert or remove wiring to a screw terminal, simply loosen the screw to make changes and tighten the screw after inserting a wire. To insert or remove wiring to a spring clamp terminal, insert a thin, flathead screwdriver into the square hole next to the circular wire terminal. Push the spring clamp outward to open the terminal and insert or remove the wire. After inserting wires, make sure the connection is strong by gently tugging the wire.

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Power Terminal Blocks

The power terminal blocks are standard terminal blocks that are rated for higher voltage and current loads. Connections at these terminals send power to all panel components.

DIN Rail

The DIN rail is a standard mounting bracket which many components can clip onto. To disconnect a component from the DIN rail, pull out on the component's mounting clip on the bottom rail, and gently lift it off the rail.

Panel Ground

The panel is electrically grounded at the panel ground to prevent dangerous voltage levels from building up if the panel is electrically damaged.

Level Sensor Bellows

The level sensor bellows, or pressure reference device, keeps moisture from entering the level sensor's vent tube. This allows the level sensor to reference atmospheric pressure, assisting with the measurements' calibration.

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Valve and Actuator

To control the valve position, the control panel sends power and a 4-20mA signal to an actuator. The actuator then applies torque to the valve to open or close it, and sends a signal back to confirm the position of the valve. During installation, maintenance, or system failure, the valve can be controlled by a human operator. Additional data available for the actuator (added to dashboard by request) includes indicators from the valve manufacturer of potential motion inhibition, valve jammed, or valve obstructed. See the Valve Override Operation Procedures for more information.



Figure 5: Example of actuator with manual hand-crank (left) and butterfly valve (right)

Water Level Sensor

Water level sensors are used as feedback to adapt to changing site conditions. Water level is detected with a pressure transducer which converts pressure into an electrical signal. To minimize error from waves and other disturbances, the pressure transducer is protected in a stilling well.

Power

Opti hardware can be powered by 120 V AC line power or a 24 V DC battery charged by a solar panel. If line powered, there will be a breaker nearby to disconnect power. If power is lost, a power backup battery will move the valve to a predetermined failsafe position. If the site is solar powered, the batteries will provide this failsafe functionality. Batteries on solar-powered panels are rated for ten days of autonomy on a full charge. However, the

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battery will lose charging capacity over time if not connected to the solar power source for longer than 6 months.

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Maintenance Procedures

This section describes operation and maintenance procedures for Opti hardware. In addition to corrective maintenance, all components should be inspected for signs of wear or damage during every site visit or as needed based on site-specific conditions. Refer to Appendix A for an inspection and maintenance log with suggested routine maintenance procedures.

Routine Maintenance

Site and system component inspection should follow the procedures outlined below, as well as inspection for wear, vandalism, corrosion, or other damage (Table 2). Refer to the manual for each hardware component (provided as separate attachments) for a more complete description of maintenance.

Table 2: Recommended routine maintenance procedures

Component	Maintenance Procedure	Recommended Frequency
Opti Control Panel	Winterize and dewinterize if needed. Cycle power and replace components if needed.	Annually
Coin Cell Battery	Replace coin cell battery on OptiThunder Battery type: CR1220s	Annually
Solar Power Kit	Clean solar panels with a soft cloth. Check battery charge. Both batteries should have the same charge.	Biannually
Water Level Sensor	Winterize and dewinterize if needed. Visually inspect for obstructions and fouling. Calibrate any time the sensor moves. Check calibration during every site visit. Inspect junction boxes for water damage.	Biannually and during every site visit
Rain Gage	Inspect for debris, obstructions, and corrosion.	Biannually and during every site visit
Actuator	Clean as needed. Confirm valve calibration. Test battery backup failsafe position.	Biannually and as needed based on email alerts

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Valve	Inspect for debris and obstructions. Clean as needed.	Biannually and as needed based on email alerts
Gate	Inspect gate and stem for misalignment or damage. Check lubrication, apply lubrication if necessary. Clean stem using brush with stainless steel or brass bristles. Do not use steel bristles or hand grinders. Check for bronze dust or shavings. Replace lift nuts if dust or shavings are found.	Biannually or more depending on use frequency and as needed based on email alerts
Trash Rack and Stilling Well	Inspect for debris and obstructions. Clean as needed. Draw down pond if trash rack is submerged.	Biannually and during every site visit

Control Panel De-Energizing Procedure

Whenever maintenance is required, the control panel and components must first be de-energized. The steps below outline the de-energizing procedure:

1. Unlock the control panel enclosure and access the swing panel.
2. Turn the Control Power switch to the off position.
3. Open the swing panel. Locate the panel circuit breakers, labeled CB1 and CB2, and turn them down to the off position.

All connected devices are now de-energized and maintenance can proceed. Note that this does not de-energize the input energy source in the site's solar kit or line power connection.

Valve Override Procedures

There are three procedures to override the valve controls, which ensure reliability during software, connection, hardware, or power failures: online, control panel, and manual override. Generally, online override can be used for remote maintenance while the control panel override is used when on site. During a cellular connection failure, the control panel override can be used. During power failure, the valve can be controlled with a manual override.

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Remote Manual Control

A user with administrative permissions can override the Opti automatic controls of the valve using the online dashboard. Sign into the Opti web portal and navigate to the system control pod in the top left (Figure 6).

1. Change the Operation Mode to Manual Control. Confirm this change with the "Change" button.
2. Enter the desired percent open. Confirm this change with the "Commit" button.
3. When finished manually controlling the valve, set the operation mode back to Automatic Control and confirm with the "Change" button.

Please note that Opti's security features prevent users from making more than one command per four minutes over an online connection. Your commands will take four minutes each to process. An additional rate-limiting security feature prevents the valve from opening fully faster than 20 minutes. It is able to close instantly (as long as it has been four minutes since the most recent command).

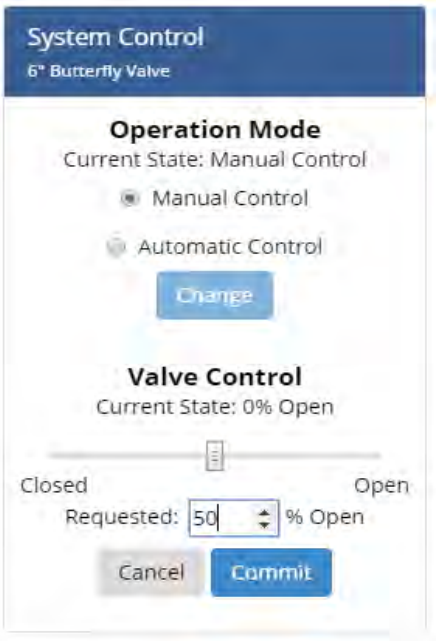

Figure 6: System Control pod

Local Manual Override with Control Panel

When on site, remote control can be overridden with the following procedure:

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1. Locate the switch and knob on the swing door labeled “valve control” and “local valve open” (Figure 3).
2. Make sure the “local valve open” knob is set to the desired open percentage.
3. With the system powered on, turn the “valve control” switch to the local position. To make any further changes in local mode, turn the “local valve open” knob to the desired percentage open.
4. Once maintenance is complete, set the “local valve open” knob back to 0% open and turn the “valve control” switch to the remote position, so that Opti can continue to autonomously control the hardware.

Local Manual Override with Hand Crank

To physically operate the valve using the hand crank, follow this procedure:

1. Follow the Control Panel De-Energizing Procedure to turn power off.
2. Turn the handle on the actuator until the butterfly valve is at the desired set point. The valve position is reported on the screen of the actuator.

Actuator Calibration

To check the calibration of the actuated valve, follow this procedure:

1. Use remote manual control to place the valve into the fully open position. Once the valve is fully open, record the time.
2. Command the valve to 50% open. When the valve stops moving, record the time. Note that the valve will be at an angle greater than 45°, since we are calculating percent area open.
3. Put the valve in the fully closed position (0% open). When you can see the valve is fully closed, record the time.
4. Contact Opti Support and send the three recordings of time and target positions.

Battery Back-up Failsafe Position Confirmation

The battery back-up failsafe position needs to be confirmed during routine site visits. To test this, de-energize the control panel using the process described above. Record the position of the valve (usually either fully closed or fully open) and report this position to Opti Support.

Water Level Sensor Calibration

Water level sensors may need to be calibrated after: installation, dewinterization, re-location of sensors, or when data shown on the dashboard does not match observed

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values. All calibration is done through Opti software and requires no hardware changes. To take calibration measurements, follow this procedure:

1. Place the water level sensor in a bucket of water.
2. De-energize the Opti Panel using the power switch.
3. Measure the depth of the sensing element at the end of the pressure transducer.
4. Turn the Opti Panel back on and wait until the status indicator light breathes cyan. This indicates that a pressure is being recorded and sent to Opti. Record both the time of the measurement and the depth of water.
5. Place the water level sensor in its final position in the body of water, and repeat steps 2-4 to record the sensor depth and time. Do not move the sensor afterwards.
6. Measure the distance between the water surface elevation and a known elevation such as a valve elevation, and record the time.
7. Contact Opti Support and send the three pairs of time and elevation measurements.

Winterization and Dewinterization

Winterization may be necessary if a site encounters freezing temperatures during winter months. Winterization is done to avoid damage to sensors caused by expansion of freezing water. Sites may not need winterization if sensors are installed deep enough where water does not freeze. A typical winterization and dewinterization process follows the steps below.

Winterization

1. Follow the control panel valve override procedure and place the valve in your site's failsafe position using the valve open percentage dial while in local control mode.
2. Remove the sensor from the water and store it at an elevation where it will not be submerged. The sensor(s) may be attached with zip ties, with any extra cable looped neatly. This is recommended for pressure transducers, TSS sensors, and multiparameter sensors, which may be damaged by freezing water.
3. Once you have locked the site again, notify Opti support via email or phone that the site has been winterized.

Dewinterization

1. Replace all sensors in their original location in the water.
2. Follow the procedure described in Water Level Sensor Calibration by recording two water level sensor depths and times, and a reference elevation.
3. Notify Opti Support that the site is now dewinterized. Include water level sensor calibration measurements.

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4. Place the site from manual mode into auto mode.
5. Monitor the site for one week or until the first rain event to ensure it is functioning correctly.

Coin Cell Battery Replacement

The coin cell battery on the OptiThunder cellular gateway helps preserve information about the device's state and configuration during power outages to the device. We recommend replacing it once a year. Available at Home Depot or similar. See example at right.



In order to replace the battery, remove the plastic cover over the OptiThunder by pulling directly away from the device. The coin cell is located in the bottom-right corner. Carefully remove the existing battery and replace it with the new one. Ensure it is replaced in the same orientation (+ side facing out).

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Boston, MA 02116
1-844-OPTIRTC
www.optirtc.com

Troubleshooting

Troubleshooting involves identifying an issue and performing corrective maintenance on an unknown problem. Troubleshooting becomes much easier with a good understanding of dependencies within the Opti active control system and the correct tools to detect where failures may be occurring.

Dependency Flow Diagram

The diagram shown in Figure 7 is a simplified view of the flow of information and power through various components. An arrow indicates a direct dependency, in which information or power may flow between components. This diagram can be used to help find, diagnose, and repair problems either remotely or on site.

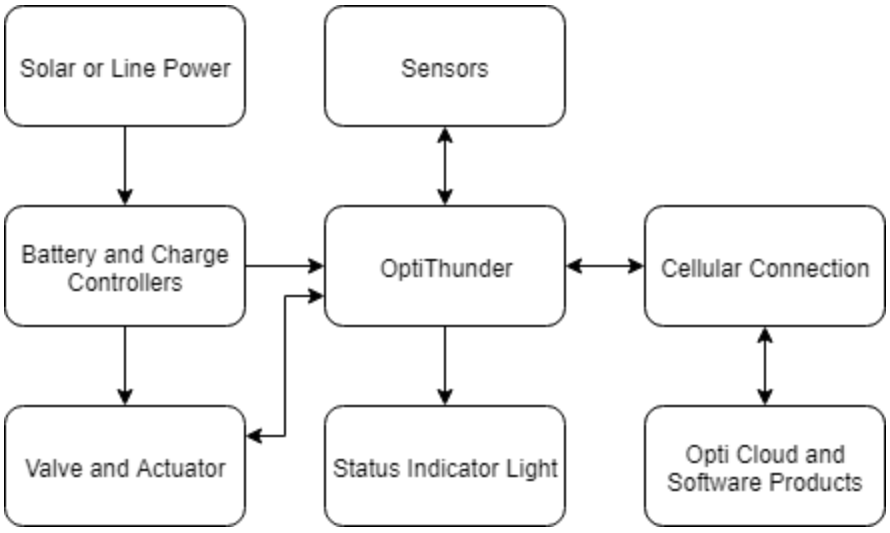

Figure 7: Dependency flow diagram

Triggers for Maintenance

By providing real-time data online on the Opti Dashboard, indicators of maintenance needs can be observed remotely. Please see below for some examples of unusual data patterns (observed on the Opti Dashboard) that indicate when maintenance is required: Valve Clog, Pressure Transducer Electrical Failure, and I/O Module Disconnection.

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Opti Dashboard Troubleshooting Examples

Valve clog

In this example, a valve was stuck at approximately 18% open and would not follow any further valve commands (Figure 8). This was caused by a clog which prevented the valve (blue) from opening to its target state. The valve flatlined, and didn't respond to further commands. Once it was placed in online override mode and opened further, the valve opened and the clog was released. It was immediately returned to automatic mode and showed normal behavior during a drawdown period the next day.

If a valve's percentage open is more than 5% different from its target state, this is often due to a clog preventing further valve movement. Clogs are often resolved by placing the valve in manual mode and sending commands to fully open and close. These commands will send a larger amount of torque to the valve and likely clear any present clogs. If the issue persists, go on site and perform a Control Panel Override on site to clear the clog. If problems persist, contact Opti Support to help determine the cause.



Figure 8: Opti dashboard during a valve clog

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Pressure Transducer Electrical Failure

In this example, the water level sensor PT3 (orange) frequently spikes to the high end of its range (Figure 9). Since the sensor outputs an electrical signal, it appears that electrical components may be short-circuited. This sensor shows this behavior intermittently and may be irreparably damaged. To troubleshoot water level sensor issues, follow routine maintenance procedures by checking all connections to the sensor, cleaning dirt and debris, and checking the desiccant. If the problem continues, replace the sensor.

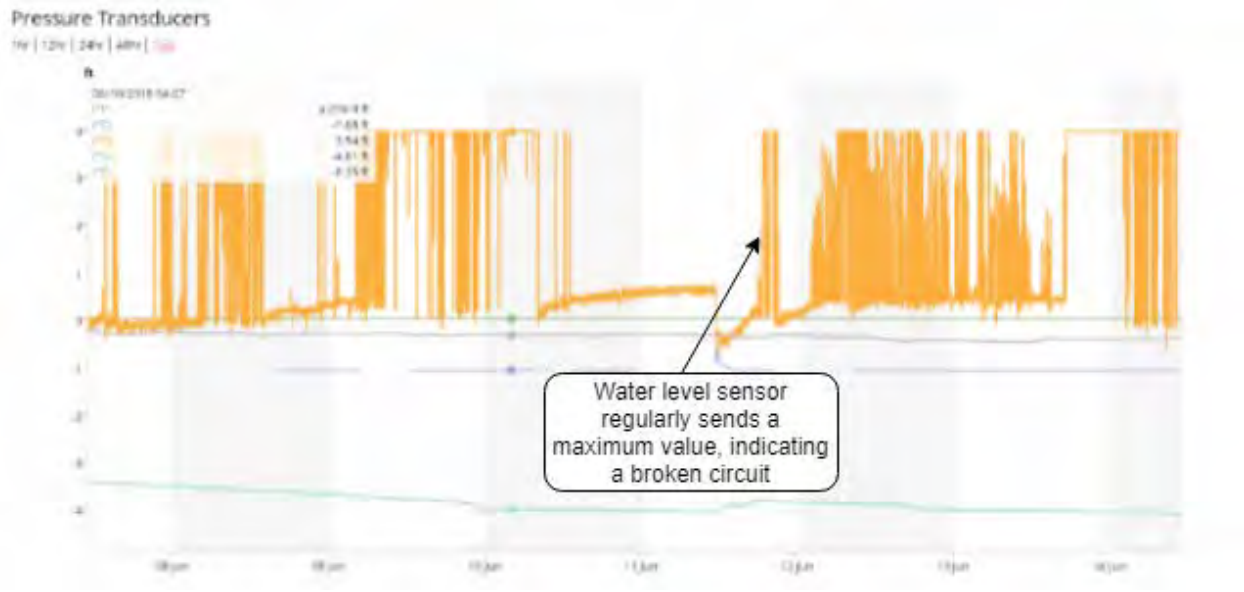

Figure 9: Faulty pressure transducer readings

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I/O Module disconnection

In this example, all of one site's pressure transducers showed a loss of connection at the same time on August 10 (Figure 10). However, the internet connection remained online. This failure happened due to a disconnection from one of the I/O modules. Since the wire terminal on one side of the I/O module does not screw in to protect it from coming loose, it may disconnect if the wiring is too tight and pulls it away. Wiring may disconnect across many panel components; to ensure reliable wiring, gently tug all wire and terminal connections when installing and changing connections.

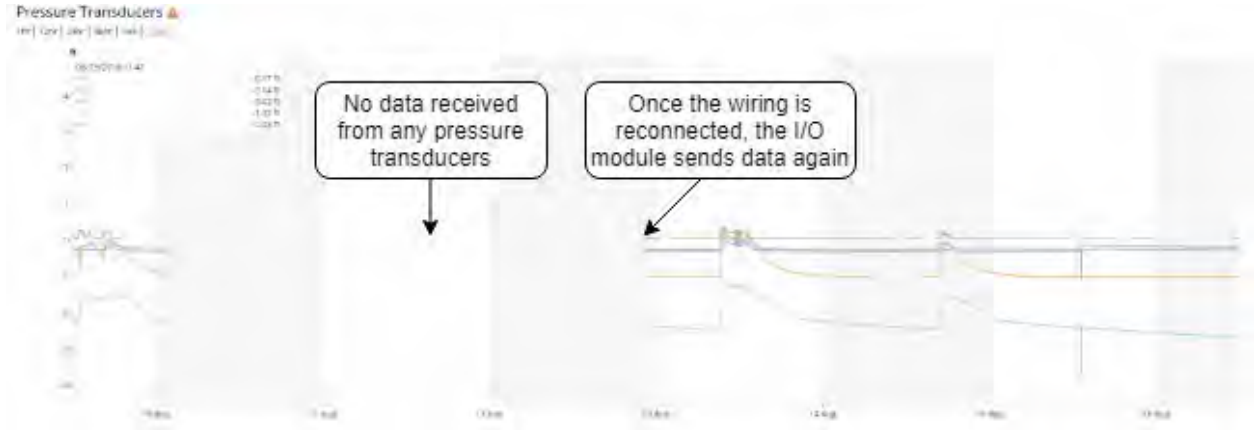

Figure 10: Sensor datastream failure during I/O module disconnection

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Appendix A: Inspection/Maintenance Log

Personnel:	
Date and Time:	
Weather:	

Water Level Sensor

Checklist Item	Result
Winterization / dewinterization?	
Clean sensor and stilling well	
Water level measurement	Water level (in): Time of measurement: Reference datum description:
Pressure test (if available)	Measurement 1 - Pressure: Measurement 1 - Date / Time: Measurement 2 - Pressure: Measurement 2 - Date / Time:
Junction box watertight / dry?	Y / N
Bellows dry?	Y / N

Comments / Notes:

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Control Panel

Checklist Item	Result
Inspect interior of Opti Control Panel for water intrusion or pest infestation	
Inspect all exposed conduit for damage or loose connections. Repair if necessary.	
Replace OptiThunder coin cell battery. Battery type: CR1220s (found at Home Depot). Example: 	
Inspect rain gauge for debris, obstructions, and corrosion. Clear debris and obstructions as needed.	

Comments / Notes:

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Valve / Actuator

Checklist Item	Result
Clear trash rack of debris	
Calibration check: Set to 0% and 100% open from Opti Panel	Valve closed position (from screen): Valve open position (from screen):
If line power: Cut power to actuator (battery backup testing)	Valve position:

Comments / Notes:

Solar Kit (if applicable):

Checklist Item	Result
Wipe solar panels with cotton cloth	
Check battery charge with multimeter (should be equal)	Battery 1 Voltage: Battery 2 Voltage:
Remove any vegetation directly blocking solar panel	

Comments / Notes:

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Completed By: _____ Signature:_____Date:_____

If actuator is for a gate, replace valve / actuator with the following:

Gate / Actuator

Checklist Item	Result
Clear trash rack of debris	
Calibration check: Set to 0% and 100% open from Opti Panel	Valve closed position (from screen): Valve open position (from screen):
If line power: Cut power to actuator (battery backup testing)	Valve position:
Inspect gate stem (If yes on any, contact support@optirtc.com)	Signs of misalignment? Y / N Bronze dust / shavings? Y / N Signs of damage? Y / N
Lubricate valve stem	
Clean valve stem (**DO NOT USE** steel bristles or hand grinder)	

Comments / Notes:

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APPENDIX C

Reviewed Drainage Complaint Reports

KING COUNTY WATER AND LAND RESOURCES DIVISION
STORMWATER QUALITY INSPECTION

AJ/wkp 10-2-2012

FILE NO.	2012-0757

SITE INFORMATION			
Business	**TR B - REDMOND SP(SPL 98-007)**	Phone	n/a
Address	**116XX 179TH PL NE**		
City	**REDMOND 98052**	☐ Contract City	
ERTS		☒ King County Property	

CONTACT INFORMATION			
Name	**King County DES/FMD**	Phone	**n/a**
Company	**King County DES/FMD**		
Address	**King County Admin Bldg., 500 Fourth Ave. Rm. 320**		
City	**Seattle, WA 98104**		
☒ Owner	☐ Tenant	☐ Complainant	☐ Property Manager	☐ Agency
Taxpayer	King County		

Jurisdiction: Redmond

LOCATION DETAILS	
Basin **BBR**	Parcel(s) 2526059203
Thos B **507E7**	Facility(s)

SE-25-26-05

DESCRIPTION & REMARKS
Related Files
☐ Other agencies involved
Access to some parcels may require private property owner permission.

FINAL DISPOSITION						
☐ Turned to	☐ WQC	☐ WQE	☐	Date	by	
☐ Paper file ready for closure		☐ Electronic files updated			☐ Databases updated	
☒ Date closed	11/13/12	By CCH				

File #	Received	Type	Staff	Business	Address	Contract City	Basin	Status
2012-0757	10/02/2012	WQA		TR B - REDMOND SP(SPL 98-007)	116XX 179TH PL NE	RED	BBR	OPEN

Parcel #	Facility	Comments
2526059203		

ActionDate:	ActionType	Comment	Due Date
10/24/2012	Other	FMD WQ site visit by E. Bosserman. Undeveloped wooded parcel. Two 12" HDPE pipes from Redmond stormwater pond may outfall on parcel, they both cross parcel. No CBs or other aboveground stormwater infrastructure to inspect and maintain. The HDPE pipes would be maintained/repaired as needed. No surface water quality issues observed. Recommend closure.	
11/09/2012	Ready to Close		

King County
Department of
Natural Resources and Parks
Water and Land Resources Division
201 South Jackson Street, Suite 600
Seattle, WA 98104

KING COUNTY
STORMWATER SERVICES SECTION
FMD TAX PARCEL WATER QUALITY INSPECTIONS

PARCEL NAME: TR B - Redmond SP (SPL 98-007) **WQ FILE NO.:**2012-0757

DATE: 10/24/2012

INSPECTOR: Eric Bosserman

PARCEL IDENTIFICATION #:2526059203

FACILITY IDENTIFICATION #: -

1. STORMWATER SYSTEM COMPONENTS

A) Outfalls (to or from property)

There may be outfalls to proprty Redmond stormwater facility (two 12" HDPE pipes).

B) Conveyance (ditches, swales, pipes, catch basins/structures)

Two 12" HDPE pipes cross parcel

C) Flow control facility

None

D) Water quality facility

None

2. ILLEGAL WASTE DISPOSAL

A) Solid waste (automobiles, trash, construction debris)

None found

B) Liquid waste (staining, dead vegetation, sheen)

None found

C) Other waste disposal issues (e.g., hazardous materials, unknown drums, meth labs)

None found

3. TRESPASS

A) Structures

None found

B) Landscaping/clearing/grading (lawn, parking areas)

None found

C) Illegal encampments (occupation)

None found

D) Other trespass issues

None

4. EROSION

A) Sources observed?

None found

B) Turbidity entering or leaving property?

None found

C) Potential human-caused or natural?

None found

5. OTHER WATER QUALITY ISSUES

None found

6. SITE SKETCH/MAP OF OUTFALLS AND COMPONENTS

See Aerial

7. WATER QUALITY COMPLIANCE/CORRECTIVE ACTION

☒ ***In compliance, no further action required***

☐ ***In compliance, no further action required – potential trespass***

☐ ***Corrective action required***

Remarks/items:

2012-0757 TR B - Redmond SPL 98-007

Photographs taken by Eric Bosserman

Site Visit Photographs
October 24, 2012


= **Surface flows**


= **Piped flow**



Facing southeast from 179th Pl NE / NE 117th Ct cul-de-sac access

2012-0757-ETB-02.JPG



Facing northeast looking down slope mostly blackberry bramble.

2012-0757-ETB-08.JPG



Facing east from Redmond stormwater pond down slope along 12" HDPE where they enter parcel.

2012-0757-ETB-03.JPG



Facing northwest looking upslope where 12" HDPE may outfall on parcel just upslope from stream onto rip-rap

2012-0757-ETB-04.JPG

Aerial #1 - TR B - Redmond SPL 98-007

2012-0757

photo points and drainage

= **Surface flows**

= **Piped flow**



5/8

NLK

KING COUNTY WATER AND LAND RESOURCES DIVISION

DRAINAGE INVESTIGATION REPORT

INVESTIGATION REQUEST

PROBLEM: WATER RUNNING BROWN IN CREEK Type **WQC**

RECEIVED BY: TB/wkp Date: 5/7/2013 OK'd by: TL 5/7 File No **2013-0307**

Received from:

NAME: ~~Tom Beavers~~ Bear Creek PHONE : 205-5620 Other :

Address: DNRP City State Zip 98

Location of problem, if different: **NEAR NE 116TH STREET AND AVONDALE ROAD NE**

Access Permission Granted ☐ **Call First** (Would Like To Be Called and/or Present) ☐

REMARKS:

SEE ATTACHED EMAIL

Plat name: Lot No: Block No:

Other agencies involved: No field investigation required ☐

TO BE COMPLETED BY COMPLAINT PROGRAM STAFF

Q-S-T-R **SW - 30 - 26 - 6** Parcel # 7273100080 Kroll: 924W TBros: 507E7

MD 1 Basin BBR Council Dist 3 Charge #: 1038706

RESPONSE:

Citizen notified on ☐ phone ☐ letter ☐ in person ☐ email

No problem found ZB

DISPOSITION:

Turned to: on by OR: No further action recommended because:

☐ Lead agency has been notified:

☐ Problem has been corrected.

☒ No problem has been identified.

☐ Prior investigation addresses problem: **SEE FILE #**

☐ Private problem - NDAP will not consider because:

- ☐ Water originates onsite and/or on neighboring parcel.
- ☐ Location is outside WLRD Service Area.
- ☐ Other (Specify):

DATE CLOSED: 5/10/13 By: CVCH

File #	Received	Type	Staff	Business	Address	Contract City	Basin	Status
2013-0307	5/7/2013	WQC	NLK	BEAVERS, TOM	NE 116TH ST AND AVONDALE RD NE		BBR	OPEN

Parcel #	Facility	Comments
7273100080		Dark-colored flows in Bear Creek?

ActionDate:	ActionType	Comment	Due Date
5/7/2013	Other	Tom Beavers received an anonymous call about Bear Creek running dark brown on Monday night. No address or phone number given. Tom filled out the online complaint form.	
5/9/2013	WQC Inspection	From Nigel: Conducted site investigation on May 9, 2013. I visited a stretch of Bear Creek where it crosses NE 116th St. between addresses 18517 and 18661. I did not observe any pollution or discoloration either upstream or downstream. No problem found. I contacted Tom Beavers and reported my finding.	
5/10/2013	File Closed	No problem found and no follow-up with original complainant possible.	

This is a Drainage & Water Quality Problem Report sent from the King County Web site at http://www.kingcounty.gov/environment/waterandland/stormwater/problem-investigation-line/report-form.aspx.

name: Tom Beavers

address: 201 S. Jackson St., Suite 600

city: Seattle

state: WA

zipcode:

email: tom.beavers@kingcounty.gov

day_areacode: 206

day_phone_number: 205 5620

eve_areacode:

eve_phone_number:

problem_location: Bear Creek, 116th and Avondale

problem: water quality

description: A property owner that lives along Bear Creek near 116th and Avondale left a message on WRLD's info line Monday evening.

He reported that Monday evening Bear Creek was running a very dark chocolate brown. It was clear the night before. No name or phone number was given. He indicated that you can see it from the bridge.

Please have someone check this out and please report back to me. Thank you.

anonymous: no

call_first: no

KING COUNTY

DRAINAGE INVESTIGATION REPORT
FIELD INVESTIGATION

FILE NO.: 2013-0307
NAME: Tom Beavers
ADDRESS: KSC
PHONE: 206-205-5620
TH. BROS PG: 507E7
KROLL PAGE: 924W
MAINT. DIV: 1
Investigator: **NK** **Date of Request: 05/07/2013**

Conducted site investigation on May 9, 2013. I visited a stretch of Bear Creek where it crosses NE 116th St. between addresses 18517 and 18661. I did not observe any pollution or discoloration either upstream or downstream. No problem found. I contacted Tom Beavers and reported my finding.

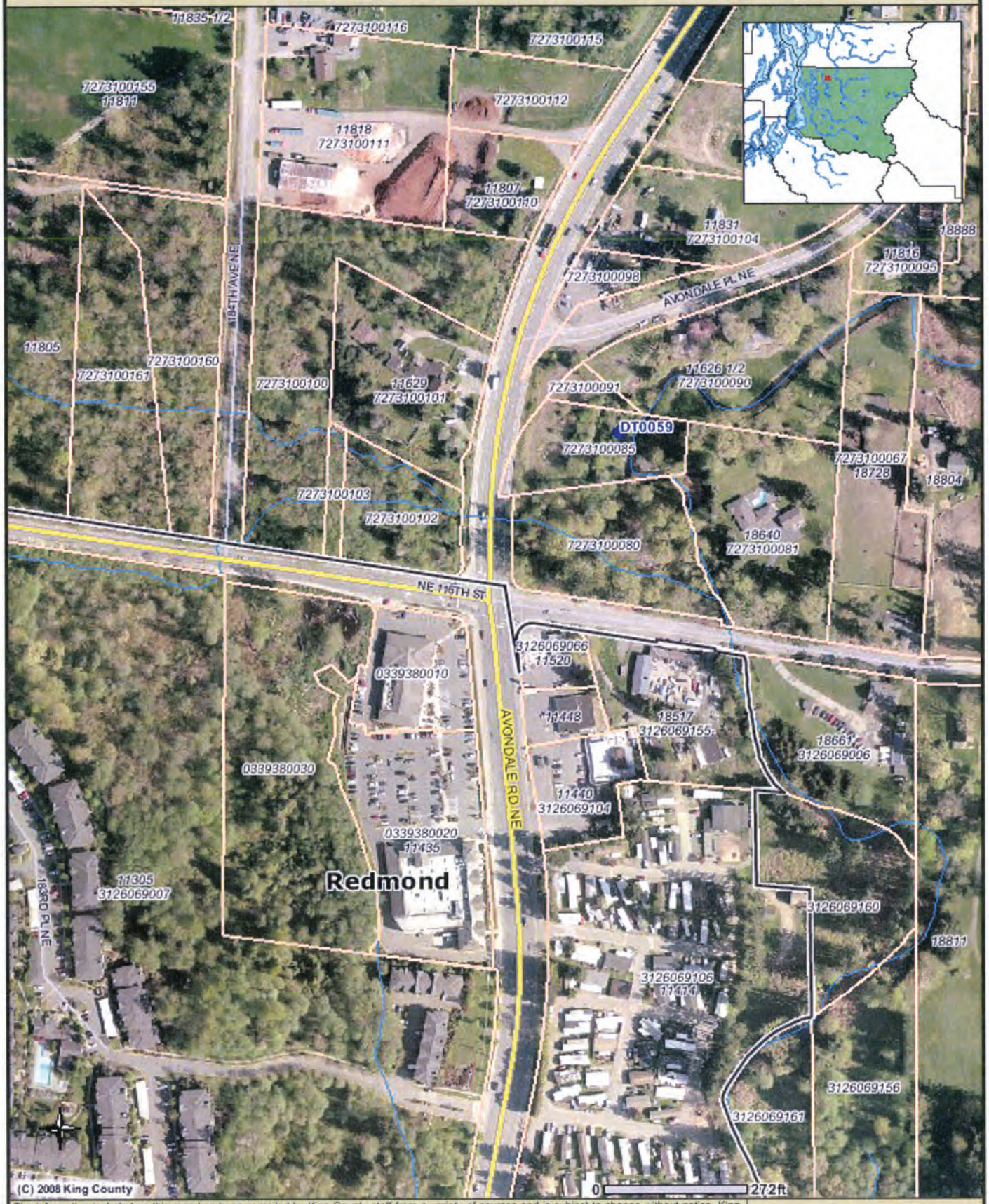


Looking northerly upstream of the creek crossing off NE 116th St.



Looking southerly from NE 116th St.

NE 116TH STREET - AVONDALE ROAD NE



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Date: 5/7/2013 Source: King County iMAP - Stormwater (http://www.metrokc.gov/GIS/iMAP)

King County

KING COUNTY WATER AND LAND RESOURCES DIVISION
STORMWATER QUALITY INSPECTION

AJ/wkp 1-4-17

FILE NO.	CUST 2017-0097

SITE INFORMATION

Business	**TR B - REDMOND SP(SPL 98-007)**	Phone	n/a
Address	**116XX 179TH PL NE**		
City	**REDMOND 98052**	☐ Contract City	
ERTS		☒ King County Property	

CONTACT INFORMATION

Name	**King County DES/FMD**	Phone	**n/a**
Company	**King County DES/FMD**		
Address	**King County Admin Bldg., 500 Fourth Ave. Rm. 830**		
City	**Seattle, WA 98104**		

☒ Owner	☐ Tenant	☐ Complainant	☐ Property Manager	☐ Agency
Taxpayer	King County			

Jurisdiction: Redmond

LOCATION DETAILS

Basin **BBR**	Parcel(s) 2526059203
Thos B **507E7**	Facility(s)

DESCRIPTION & REMARKS

Related Files

☐ Other agencies involved

Access to some parcels may require private property owner permission.

FINAL DISPOSITION

☐ Turned to	☐ WQC	☐ WQE	☐	Date	by	
☐ Paper file ready for closure		☐ Electronic files updated			☐ Databases updated	
☐ Date closed	MAY - 5 2017	By	CWG7			

File #	*Received*	*Type*	*Staff*	*Business*	*Address*	*Contract City*	*Basin*	*Status*
2017-0097	1/19/2017	CUST	AJ	TR B - REDMOND SP(SPL 98-007)	116XX 179TH PL NE		BBR	OPEN

Parcel #	*Facility*	*Comments*
2526059203		

ActionDate:	*ActionType*	*Comment*	*Due Date*
5/5/2017	Custodial Inspection	WQ site inspection by A. Jones. Two 12" tightlines (HDPE) on the surface; conveyance from Redmond SW facility upstream. Outfalls very near property line. No erosion. No MS4 on parcel to inspect annually per the permit. Parcel is vacant and wooded; wetland and erosion sensitive area. No WQ issues identified. Recommend closure.	
5/5/2017	Ready to Close		

King County
Department of
Natural Resources and Parks
Water and Land Resources Division
201 South Jackson Street, Suite 600
Seattle, WA 98104

King County
Stormwater Services Section
FMD Tax Parcel Water Quality Inspections

Parcel Name: Tr B - Redmond SP (SPL 98-007), APN2526059203 WQ File No 2017-0097

Date: 5/5/2017

Inspector: A. Jones

Parcel Identification 2526059203

Facility Identification n/a

1. Stormwater System Components

A) Outfalls (to or from property)
Two outfalls on or near property line. Two 12" HDPE tightlines from a City of Redmond flow control pond and overflow.

B) Conveyance (ditches, swales, pipes, catch basins/structures)
Two 12" HDPE tightlines from an adjacent City of Redmond flow pond and overflow cross the property south to north.

C) Flow control facility
None.

D) Water quality facility
None.

2. Illegal Waste Disposal

A) Solid waste (automobiles, trash construction debris)
None observed.

B) Liquid waste (staining, dead vegetation, sheen)
None observed.

C) Other waste disposal issues (e.g., hazardous materials, unknown drums, meth labs)
None observed.

3. Trespass

A) Structures
None observed.

B) Landscaping/clearing/grading (lawn, parking areas)
None observed.

C) Illegal encampments (occupation)
None observed.

D) Other trespass issues
None observed.

4. Erosion

A) Sources observed?
None observed.

B) Turbidity entering or leaving property?
None observed.

C) Potential human-caused or natural?
n/a

5. Other Water Quality Issues

None observed. A stream crosses the northwest corner of the parcel. The parcel is located in a designated erosion senstive area and wetland.

6. Water Quality Compliance Status and Corrective Actions (if applicable)

In compliance, no further action required

Remarks / Action Items: - MS4 conveyance serving a City of Redmond flow control facility crosses the property and outfalls near the northern property line (two parallel above ground 12" HDPE pipes). These outfalls discharge to a rock pad upgradient of the stream.
- No MS4 on the parcel to inspect or maintain annually per the permit.
- Wooded undeveloped parcel on a slope (south to north) with stream crossing a portion of parcel.
- Erosion senstive area and wetland.
- No WQ issues observed during the site visit.

7. Site Photos



Photo 1: Looking northeast at the parcel.



Photo 2: View looking north-northwest down the slope.



Photo 3: Looking east-northeast at the parcel at the slope.



Photo 4: The two 12" HDPE pipes crossing the parcel.



Photo 5: Outfall area of the two 12" pipes.



Photo 6: Looking toward the stream crossing the parcel.



Photo 7: Another view looking northeast toward the stream.

8. Site Sketch or Map Including Outfalls and Components



Aerial view of parcel with photopoints (2015 aerial photograph).

2017-0097



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Date: 5/3/2017 Notes:

N

King County
GIS Center

KING COUNTY WATER AND LAND RESOURCES DIVISION

DRAINAGE INVESTIGATION REPORT

INVESTIGATION REQUEST

PROBLEM: Full pond Type **FCR**

RECEIVED BY: LB Date: 1/23/2018 OK'd by: _____ File No **2018-0298**

Received from:

NAME: Downs, Alan Phone: (425) 223-7205 Other: _____

Address: _____ City _____ Zip _____

Location of problem, if different**: NE 124th Way and 172nd Ave NE**

Access Permission Granted ☐ **Call First** (Would Like To Be Called and/or Present) ☐

REMARKS:

Resident lived in the area for 30 years and thinks it is unusual for the pond to be filled like this for so long.

D91372: Crown Heights E

Plat name: _____ Lot No: _____ Block No: _____

Other agencies involved: _____ No field investigation required ☐

TO BE COMPLETED BY COMPLAINT PROGRAM STAFF

Parcel # 1862000400 Kroll: _____ TBros: 507D5

Basin BBR Council Dist 3 Charge #: _____

RESPONSE:

Citizen notified on _____ ☐ phone ☐ letter ☐ in person ☐ email

DISPOSITION:

Turned to: _____ on _____ by _____ OR: No further action recommended because: _____

☐ Lead agency has been notified: _____

☐ Problem has been corrected. ☐ No problem has been identified. ☐ Prior investigation addresses problem: **SEE FILE #** _____

☐ Private problem - NDAP will not consider because:

- ☐ Water originates onsite and/or on neighboring parcel.
- ☐ Location is outside WLRD Service Area.
- ☐ Other (Specify):

DATE CLOSED: _____ By: _____



Photo 1 – Looking southwesterly across the pond from172nd Ave. NE.



Photo 2 – Looking easterly from the overflow spillway.



Photo 3 – Looking into CS/CB-1. Note: Drainage flow evident from pond.

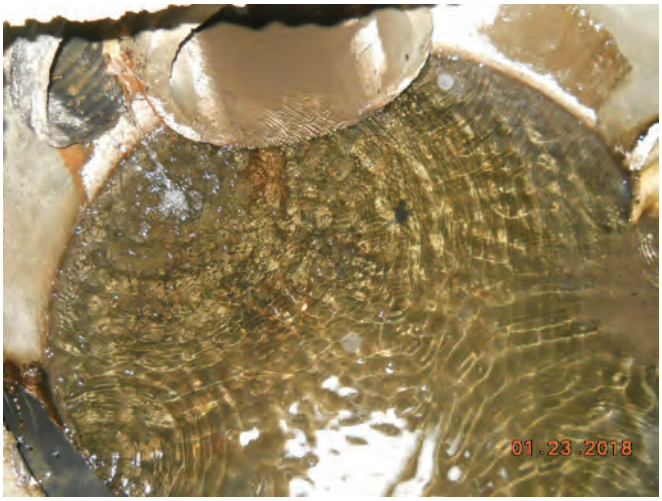

Photo 4 – Looking in CB-4. Note: Drainage flowing in all pipes.



Photo 5 – Looking northerly along the easterly pond slope.

D91372 at the corner of NE 124th Way and 172nd Ave NE



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Date: 1/23/2018 Notes:

N

King County
GIS Center

APPENDIX D

OptiRTC CMAC Functional Equivalency

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

November 1, 2018

Mr. Marcus Quigley, P.E.
Chief Executive Officer
OptiRTC Inc.
356 Boylston Street, 2nd Floor
Boston, MA 02116

RE: Continuous Monitoring and Adaptive Control (CMAC) Functional Equivalency to Detention Pond Outlet Structures

Dear Marcus Quigley:

The Washington State Department of Ecology (Ecology) finds that the OptiRTC Continuous Monitoring and Adaptive Control (CMAC) system for hydraulic control of stormwater facilities is functionally equivalent to the standard outlet control structure for wet ponds, retention ponds, and detention ponds as described in the Stormwater Management Manual for Western Washington (SWMMWW) and the Stormwater Management Manual for Eastern Washington (SWMMEW).

OptiRTC CMAC is a control approach for stormwater facilities that can be designed to conform to various design criteria. This approach does not inherently confer a certain level of service; therefore, Opti has developed a CMAC analysis tool (current version is an Excel-based extension to the Western Washington Hydrology Model (WWHM)). The Opti CMAC system must be designed using the analysis tool and must adhere to the guidelines in the manufacturers specifications. Project applicants seeking to use Opti CMAC and the CMAC-WWHM Tool must obtain design input from OptiRTC regarding Tool application and system design. Designs without detailed input from OptiRTC are not acceptable and may not be installed.

Ecology cannot endorse this product or its manufacturer. Contractors may use the Opti CMAC without seeking additional Ecology approval, however Ecology is tracking the installations of the Opti CMAC system. Local governments with a National Pollutant Discharge Elimination System (NPDES) permit shall submit the enclosed Notice of Intent Form to Ecology when installing the Opti CMAC. All other jurisdictions are also encouraged to notify Ecology when installing the Opti CMAC.

If you have questions, please contact me at your earliest convenience at (360) 407-6444 or douglas.howie@ecy.wa.gov.

Sincerely,

Douglas C. Howie, P.E.
Stormwater Engineer
Program Development Services

cc: Carla Milesi, TAPE Program Manager, Washington Stormwater Center

DEPARTMENT OF
ECOLOGY
State of Washington

Notice of Intent

Opti Continuous Monitoring and Adaptive Control (CMAC)

Opti Contact Information				
Company:		Contact Name:		
Business Phone:	Fax (optional):	Street Address:		
Company Web Address:				
Email:		City:	State:	Zip+4:

Project Information	
Project Name:	Contact Name:
Local Agency with Jurisdiction:	Street Address:
Desired Installation Date:	City:
Project Location:	
Facility Discharge Receiving Water:	
Brief project description (e.g. retrofit or new installation, facility size, etc.):	

Local Government Certification and Acceptance

Printed/Typed Name	Agency	Title
Signature		Date

Submit completed forms to the following address:

Washington Department of Ecology – TAPE Coordinator
Water Quality Program
PO Box 47600
Olympia, WA 98504-7600

If you have questions about this form, contact the following Ecology staff:

Douglas Howie, P.E. at (360) 407-6444 or douglas.howie@ecy.wa.gov

Background Information

Ecology is tracking the installations of the Opti CMAC system. Local governments with a National Pollutant Discharge Elimination System (NPDES) permit tshall submit this Notice of Intent Form to Ecology when installing a the Opti CMAC. All other jurisdictions are also encouraged to notify Ecology when installing the Opti CMAC.

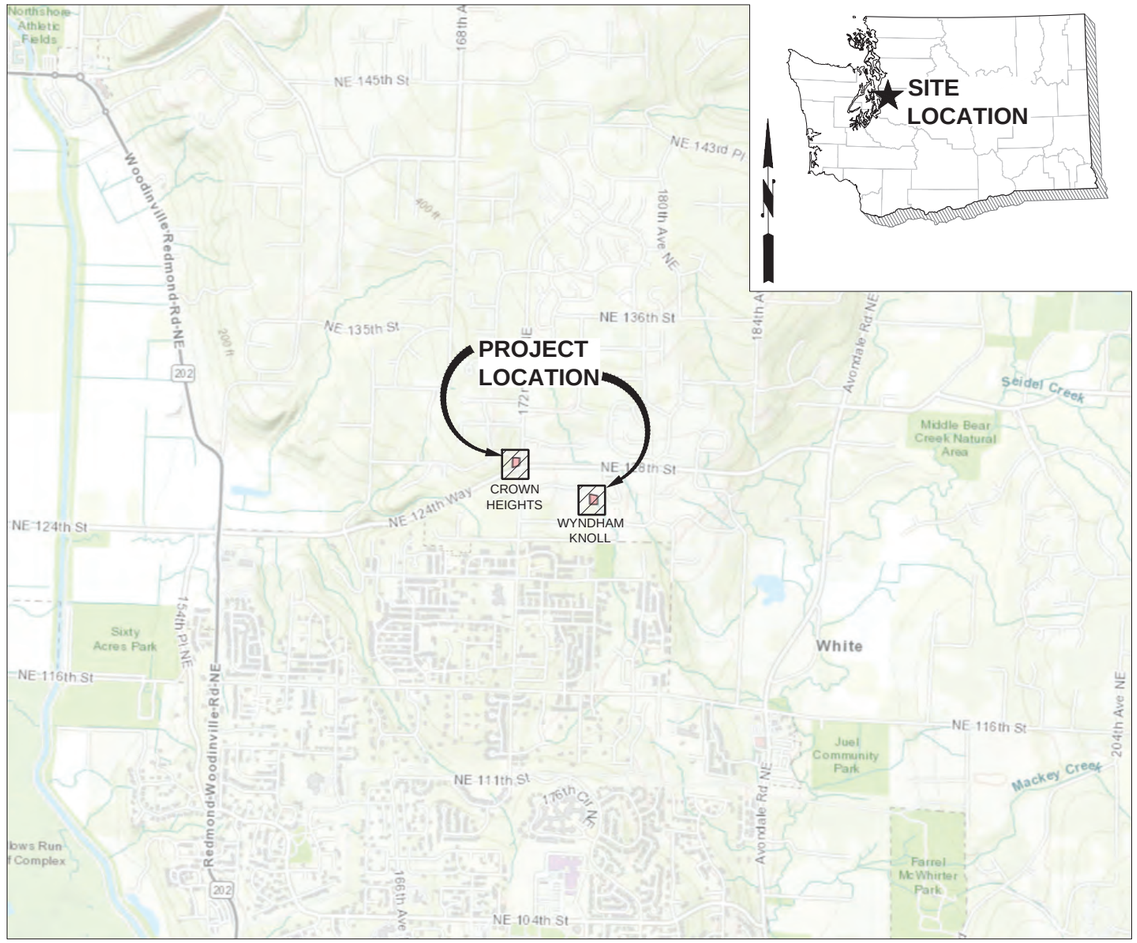
To request materials in a format for the visually impaired, visit https://ecology.wa.gov/accessibility, call Ecology at 360-407-6600, Relay Service 711, or TTY 877-833-6341.

APPENDIX E

90% Plans

BEAR CREEK BASIC CMAC RETROFIT

KING COUNTY, WASHINGTON



VICINITY MAP

SCALE: 1"=1/4 MILE

SHEET INDEX		
SHEET NO.	**DRAWING**	**DESCRIPTION**
1	G0.01	COVER
2	G0.02	NOTES AND LEGEND
3	C1.01	EXISTING CONDITIONS CROWN HEIGHTS
4	C1.02	EXISTING CONDITIONS WYNDHAM KNOLL
5	C2.01	CROWN HEIGHTS POND
6	C2.02	WYNDHAM KNOLL POND
7	C3.01	DETAILS 1
8	C3.02	DETAILS 2
9	C3.03	DETAILS 3

OWNER:

STORMWATER SERVICES SECTION, CAPITAL SERVICES UNIT
KING COUNTY DNRP, WATER & LAND RESOURCES DIVISION
201 S JACKSON ST
STE #600
SEATTLE, WA 98104
PHONE: 206-477-4861
EMAIL: MMCNAIR@KINGCOUNTY.GOV
CONTACT: MATTHEW McNAIR, PE

ENGINEER:

HERRERA ENVIRONMENTAL CONSULTANTS
2200 SIXTH AVENUE
SUITE 1100
SEATTLE, WA 98121
PHONE: (206) 441-9080
EMAIL: CWEBB@HERRERAINC.COM
CONTACT: CHRISTOPHER WEBB, PE

HERRERA

20-07412-017

811 Know what's below. Call before you dig.

(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED: XX
PROJECT MANAGER: M. MCNAIR XX
DESIGNED: C. WEBB XX
CAD DESIGN: C. WITZEL XX

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER A. WEBB — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

90% DESIGN 06-15-22

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

COVER

SHEET 1 OF 9 SHEETS

G0.01

AUTHOR: Conin
LAST EDITED: February 25, 2022
FILE: O:\proj\20\20-07412-017\CAD\Sheet\Cover.dwg

ABBREVIATIONS

APPROX	APPPROXIMATE
AVE	AVENUE
AVG	AVERAGE
CB	CATCH BASIN
C/L, CL	CENTERLINE
COMM	COMMUNICATION
CONC	CONCRETE
CONST	CONSTRUCT, CONSTRUCTION
CO	CLEANOUT
CP	CONTROL POINT
DIA	DIAMETER
DR	DRIVE
DWG	DRAWING
E	EAST, EASTING
EA	EACH
EL	ELEVATION
EX	EXISTING
FT	FEET/FOOT
GV	GATE VALVE
IE	INVERT ELEVATION
IN	INCH/INCHES
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTH/NORTHING
NA	NOT APPLICABLE
NTS	NOT TO SCALE
QTY	QUANTITY
RD	ROAD
REF	REFERENCE
ROW	RIGHT-OF-WAY
S	SOUTH, SLOPE
SD	STORM DRAIN
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
TYP	TYPICAL
W	WEST, WATER
#	POUNDS

LEGEND - PROPOSED

- PARCEL LINE
- PROJECT LIMITS
- SWALE
- TOP OF BANK (TOP)
- TOE OF BANK (TOE)
- EDGE OF PAVEMENT
- RIGHT-OF-WAY (ROW)
- GUARDRAIL
- BERM
- CONSTRUCTION ACCESS
- ITEM REMOVAL (TREE OR STRUCTURE)
- REMOVE LINE
- ABANDON LINE
- CONCRETE
- RIPRAP
- ELECTRICAL CONDUIT (E)
- CONTROL PANEL
- CATCH BASIN TYPE 1/TYPE 1L
- CATCH BASIN TYPE 2
- STORM DRAIN MANHOLE
- FLOW CONTROL STRUCTURE (FC)
- STORM DRAIN PIPE

REQUIRED SUBMITTALS:

1. SHOP DRAWINGS FOR THE TWO CORRUGATED ALUMINUM OUTLET RISERS (ONE PER PROJECT SITE).
2. STRUCTURAL CALCULATIONS FOR THE VALVE SUPPORT (DETAIL 3 ON SHEET C3.03).

GENERAL NOTES:

1. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE KING COUNTY CODE (KCC), ROAD STANDARDS (KCRS), WASHINGTON STATE DOT (WSDOT) STANDARD SPECIFICATIONS AND THE CONDITIONS OF PRELIMINARY APPROVAL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO KING COUNTY.

2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE KING COUNTY DEPARTMENT OF DEVELOPMENT AND ENVIRONMENTAL SERVICES (DDES) ENGINEERING REVIEW CHECKLIST. SOME ELEMENTS MAY HAVE BEEN OVERLOOKED OR MISSED BY THE DDES PLAN REVIEWER. ANY VARIANCE FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY KING COUNTY PRIOR TO CONSTRUCTION.

3. APPROVAL OF THIS ROAD, GRADING, PARKING AND DRAINAGE PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (E.G. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.)

4. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

5. GRADING ACTIVITIES (SITE ALTERATION) ARE LIMITED TO THE HOURS OF 7 A.M. TO 7 P.M. MONDAY THROUGH SATURDAY AND 10 A.M. TO 5 P.M. ON SUNDAY, UNLESS OTHERWISE APPROVED WITH A WRITTEN DECISION BY THE REVIEWING AGENCY.

6. IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS NECESSARY BEFORE INITIATING OFF-SITE WORK. EASEMENTS REQUIRE REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

7. DATUM SHALL BE KCAS UNLESS OTHERWISE APPROVED BY DDES.

8. ALL UTILITY TRENCHES AND ROADWAY SUBGRADE SHALL BE BACKFILLED AND COMPACTED TO 95 PERCENT DENSITY, STANDARD PROCTOR.

9. OPEN CUTTING OF EXISTING ROADWAYS FOR NON-FRANCHISED UTILITY OR STORM WORK IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY DDES AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH KCRS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY. WORK IN RIGHT-OF-WAY IS NOT AUTHORIZED UNTIL A TRAFFIC CONTROL PLAN IS APPROVED BY KING COUNTY.

EROSION CONTROL NOTES:

1. ALL LAND DISTURBING ACTIVITIES SHALL OCCUR BETWEEN JUNE 1 AND SEPTEMBER 30.

2. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH DOT MULTIPURPOSE GRASS SEED MIX AVAILABLE FROM SUNMARK SEEDS. APPLY SEED, MULCH, AND SLOW RELEASE FERTILIZER AS RECOMMENDED BY SUNMARK SEEDS.

3. PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE DDES INSPECTOR FOR REVIEW.

NOTE AND DETAIL/SECTION REFERENCING

- 1 / C-1 — DETAIL REFERENCE NUMBER; DRAWING ON WHICH DETAIL IS SHOWN
- DETAIL SCALE: NTS — 1 / C-1 — DETAIL REFERENCE NUMBER; DRAWING FROM WHICH DETAIL WAS TAKEN
- A / C-4 — SECTION REFERENCE LETTER; DRAWING ON WHICH SECTION IS SHOWN
- A — SECTION REFERENCE LETTER WHEN SECTION IS ON SAME SHEET
- SECTION/PROFILE SCALE: NTS — A / C-2 — SECTION/PROFILE REFERENCE LETTER; DRAWING FROM WHICH SECTION/PROFILE WAS TAKEN

"-" INDICATES THAT THE DETAIL/SECTION IS SHOWN ON THE SAME SHEET

"TYP" INDICATES THAT THE DETAIL/SECTION IS UNIFORMLY TYPICAL THROUGHOUT PROJECT EXCEPT WHERE OTHERWISE NOTED

"VAR" SPECIFIES THAT DETAIL/SECTION WAS TAKEN FROM VARIOUS DRAWINGS

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED: XX
PROJECT MANAGER: M. MCNAIR XX
DESIGNED: C. WEBB XX
CAD DESIGN: C. WITZEL XX

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER R. WEBB — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
90% DESIGN 06-15-22

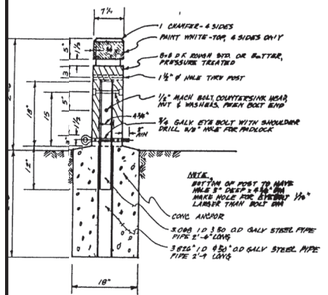
King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

NOTES AND LEGEND

SHEET 2 OF 9 SHEETS
G0.02

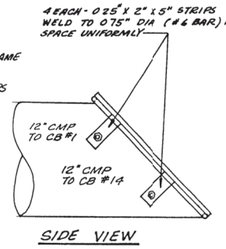
AUTHOR: CWitzel
LAST EDITED: June 13, 2022
FILE: C:\proj\Y2020\20-07412-017\CAD\SheetNotes_leg_abbr.dwg



SECTION - REMOVABLE BOLLARD

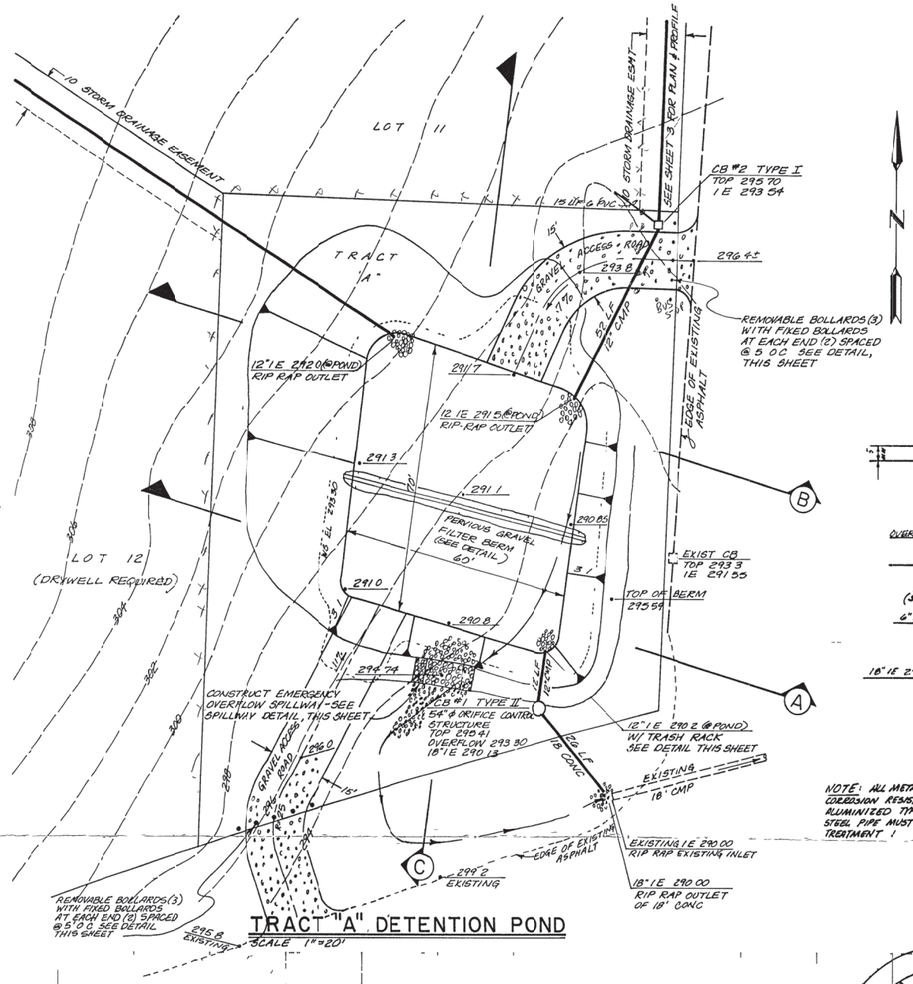
D DETAILS

S MUST BE GALVANIZED
TED (TREATMENT 1



SIDE VIEW

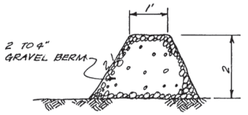
CK DETAILS



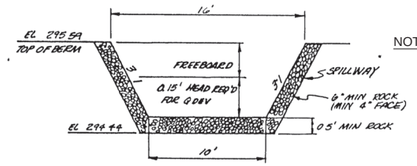
TER BE ENCOUNTERED DURING CONSTRUCTION
NTRACTOR SHALL INSTALL PERMANENT
NUS AS DIRECTED BY ENGINEER AND APPROVED
SWM THE FROP SHALL BE ADJUSTED TO
UND WATER BASEFLOW. AS-BUILT DOCUMENTS
ED TO KING COUNTY SWM FOR APPROVAL

TRACT "A" DETENTION POND

SCALE 1"=20'



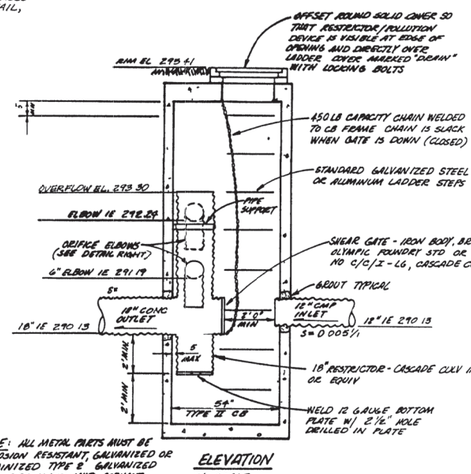
PERVIOUS GRAVEL FILTER BERM
NO SCALE



EMERGENCY OVERFLOW SPILLWAY - SECTION DETAIL
NO SCALE

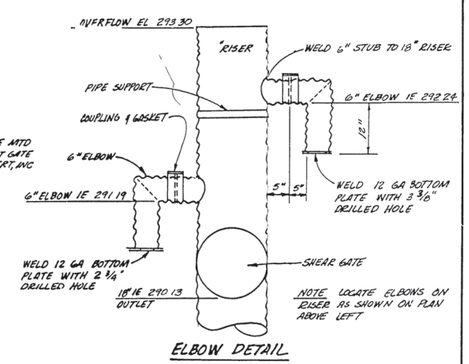
NOTES

NOTE: EXISTING CONDITIONS SHOWN TAKEN PER AS-BUILT OF PLAT OF CROWN HEIGHTS, TRACT "A" DETENTION POND (SHEET 8 OF 9), DATED 8/8/86, PREPARED BY LAND DESIGN & MANAGEMENT.



NOTE: ALL METAL PARTS MUST BE CORROSION RESISTANT, GALVANIZED OR ALUMINIZED TYPE 2. GALVANIZED STEEL PIPE MUST HAVE ASPHALT TREATMENT 1

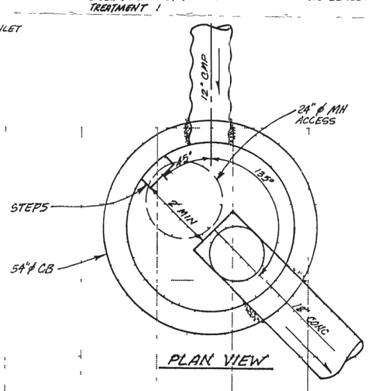
ELEVATION
NO SCALE



ELBOW DETAIL
FRONT ELEVATION
NO SCALE

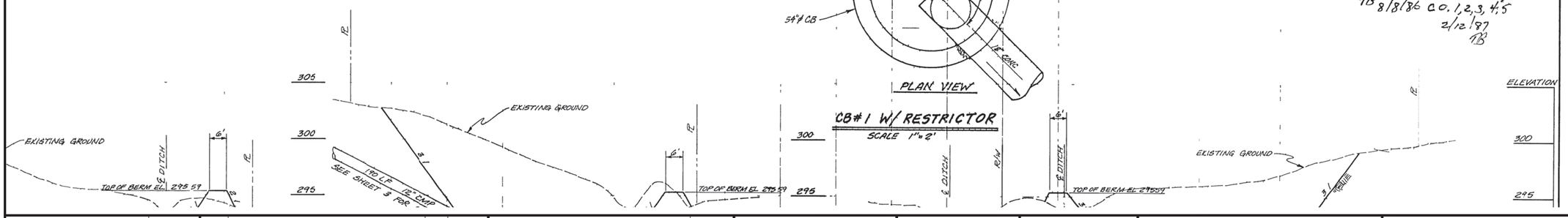
CB #1 FLOW RESTRICTOR W/ ORIFICE

NO SCALE



CB #1 W/ RESTRICTOR
SCALE 1"=2'

KING CO. DEPARTMENT OF PUBLIC WORKS
APPROVED DATE 8/8/86
SIGNATURE
TB 8/8/86 CO. 1,2,3,4,5
2/12/87
TB



HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA	NUM.	REVISION	BY DATE
SURVEYED: AS BUILT			
SURVEY BASE MAP: NA			
CHECKED: NA	NUM.	RECORD CHANGES APPROVED	BY DATE

APPROVED:	XX
PROJECT MANAGER: M. MCNAIR	XX
DESIGNED: C. WEBB	XX
CAD DESIGN: C. WITZEL	XX

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER TRUE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
90% DESIGN 06-15-22

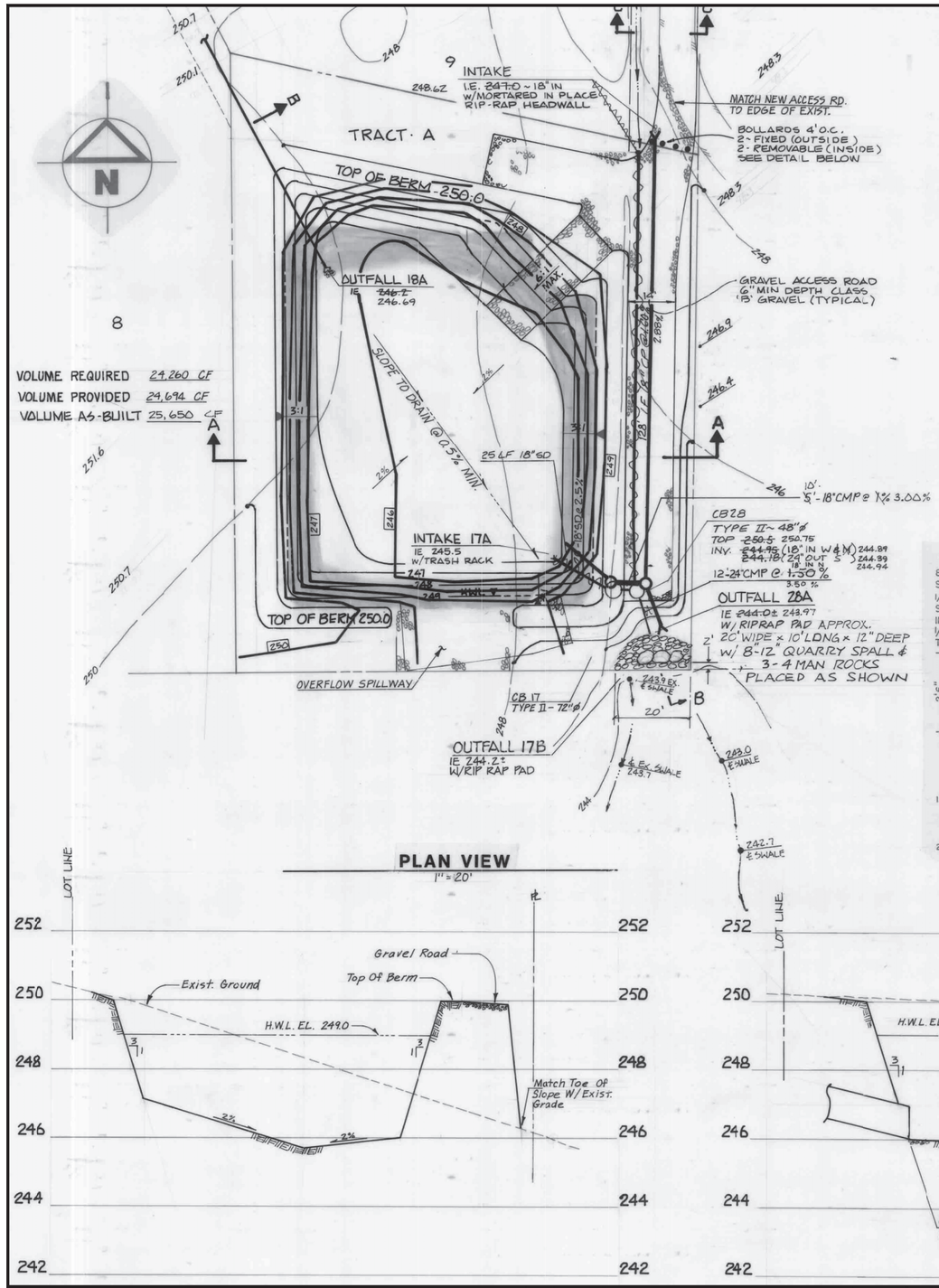
King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

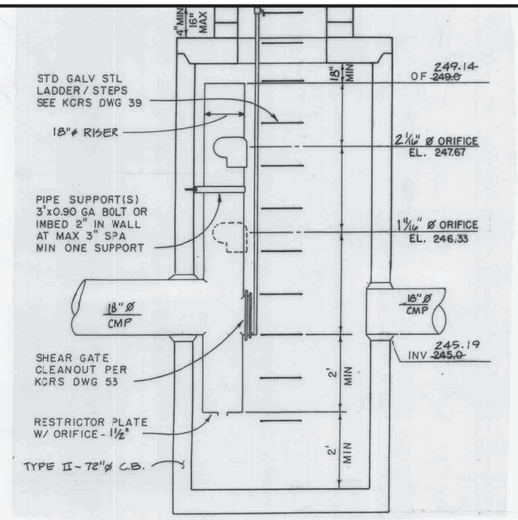
BEAR CREEK BASIC CMAC RETROFIT

EXISTING CONDITIONS
CROWN HEIGHTS

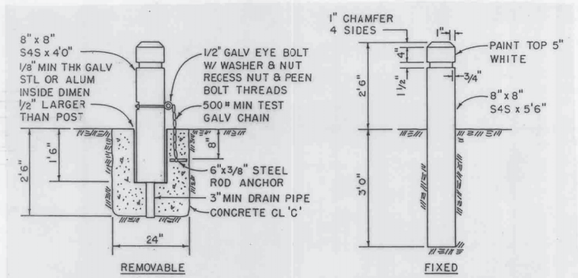
SHEET 3 OF 9 SHEETS
C1.01

AUTHOR: Conn
LAST EDITED: February 24, 2022
FILE: O:\proj\20\20\20-07412-017\CAD\Sheet\Existing_Conditions.dwg





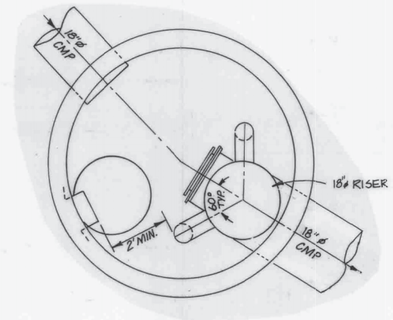
ELEVATION
NO SCALE



1. TIMBER TO BE DOUGLAS FIR, DENSE CONSTRUCTION GRADE, PENTACHLOROPHENOL PRESSURE TREATED BY EMPTY CELL PROCESS W/ MIN NET RETENTION OF 0.05 lbs/cf DRY SALT (USE LT PETROLIUM SOLV)
2. STEEL TUBE TO CONFORM TO ASTM A53 OR ASTM A53 GRADE A
3. NUTS, BOLTS, & WASHERS TO CONFORM TO ASTM A307
4. ALL STEEL PARTS TO BE GALVANIZED
5. SEE KCRS SECTION 5.08

TYPICAL BOLLARD DETAIL
NO SCALE

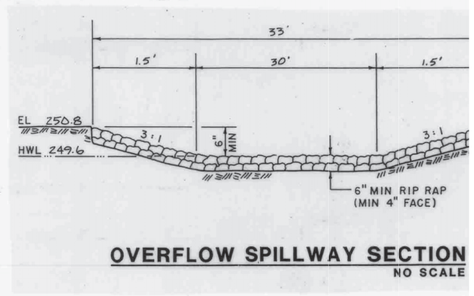
ELBOW DETAIL
NO SCALE



PLAN
1" = 2'

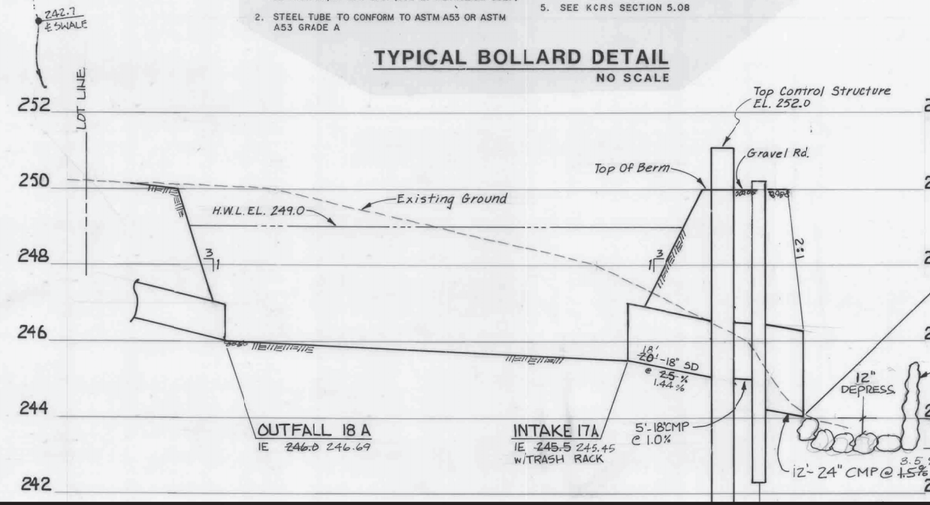
NOTE: EXISTING CONDITIONS SHOWN TAKEN PER AS-BUILT OF PLAT OF WYNDHAM KNOLL, DETENTION POND PLAN, TRACT A (SHEET 7 OF 10), DATED 2/34/90, PREPARED BY GROUP FOUR, INC.

CONTROL STRUCTURE #17
72" Ø CATCH BASIN
NO SCALE

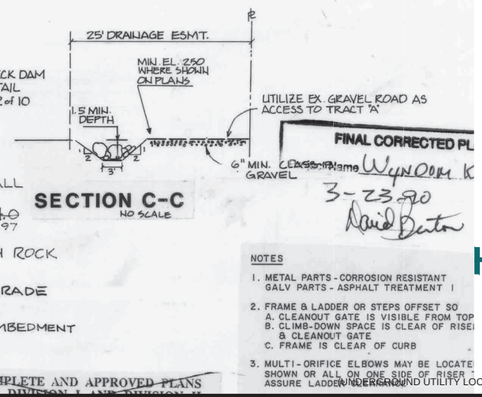


OVERFLOW SPILLWAY SECTION
NO SCALE

PLAN VIEW
1" = 20'



SECTION C-C
NO SCALE



NOTES
1. METAL PARTS - CORROSION RESISTANT GALV PARTS - ASPHALT TREATMENT 1
2. FRAME & LADDER OR STEPS OFFSET SO
   A. CLEANOUT GATE IS VISIBLE FROM TOP
   B. CLIMB-DOWN SPACE IS CLEAR OF RISER & CLEANOUT GATE
   C. FRAME IS CLEAR OF CURB
3. MULTI-ORIFICE ELBOWS MAY BE LOCATE SHOWN OR ALL ON ONE SIDE OF RISER ASSURE LADDER CLEARANCE

COMPLETE AND APPROVED PLANS FOR DIVISION ENGINEER

(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

HERRERA
20-07412-017

811 Know what's below. Call before you dig.

FIELD BOOK: NA			
SURVEYED: AS BUILT			
SURVEY BASE MAP: NA			
CHECKED: NA			

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:		XX
PROJECT MANAGER:	M. MCNAIR	XX
DESIGNED:	C. WEBB	XX
CAD DESIGN:	C. WITZEL	XX

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER R. WITZEL — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
90% DESIGN 06-15-22

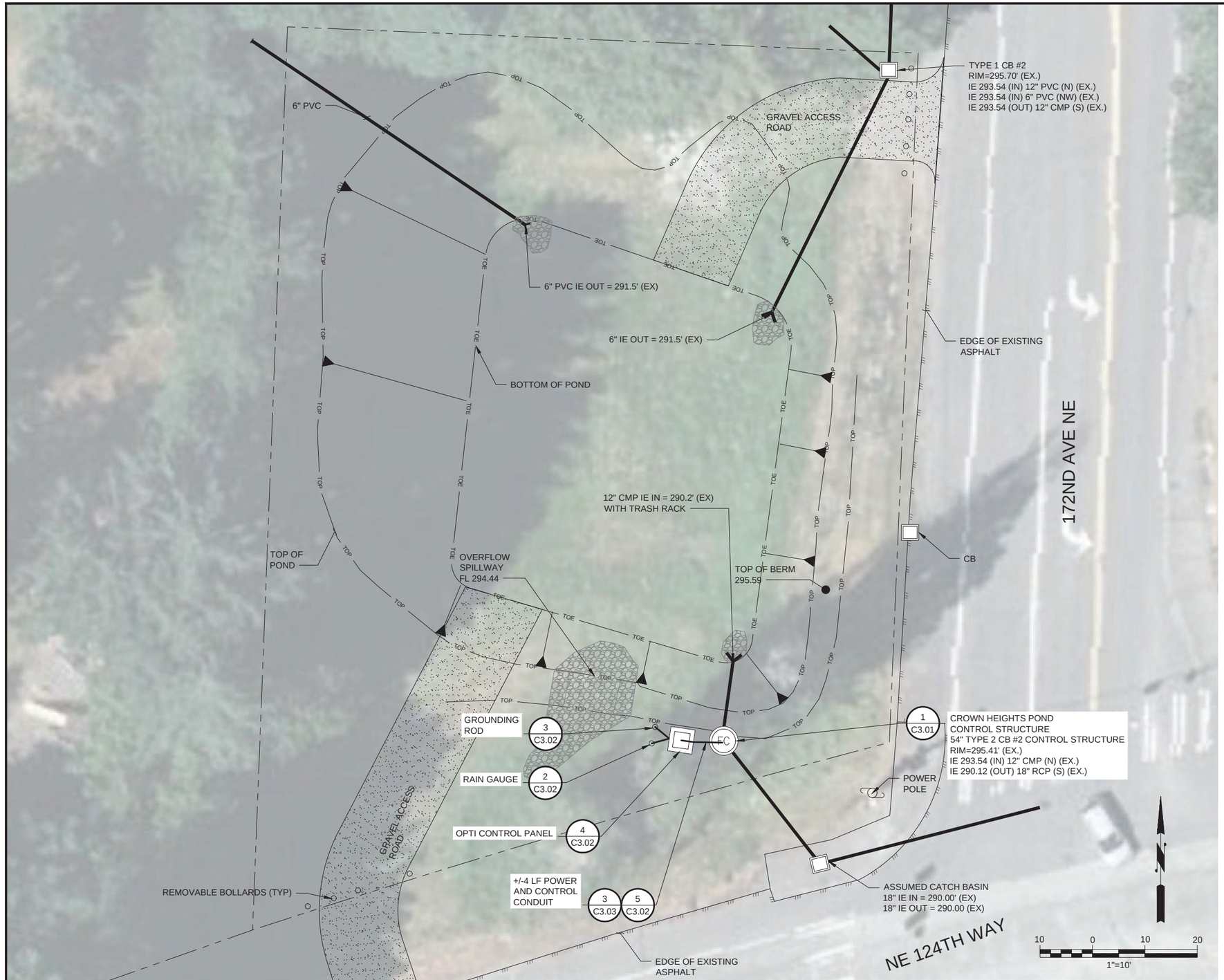
King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

EXISTING CONDITIONS
WYNDHAM KNOLL

SHEET 4 OF 9 SHEETS
C1.02

AUTHOR: Crisn
LAST EDITED: February 24, 2022
FILE: O:\proj\Y2020\20-07412-017\CAD\Sheet\Existing_Conditions.dwg



HERRERA
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CHECKED: NA			

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:		XX
PROJECT MANAGER:	M. MCNAIR	XX
DESIGNED:	C. WEBB	XX
CAD DESIGN:	C. WITZEL	XX

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER T. MARX — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
90% DESIGN 06-03-22

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

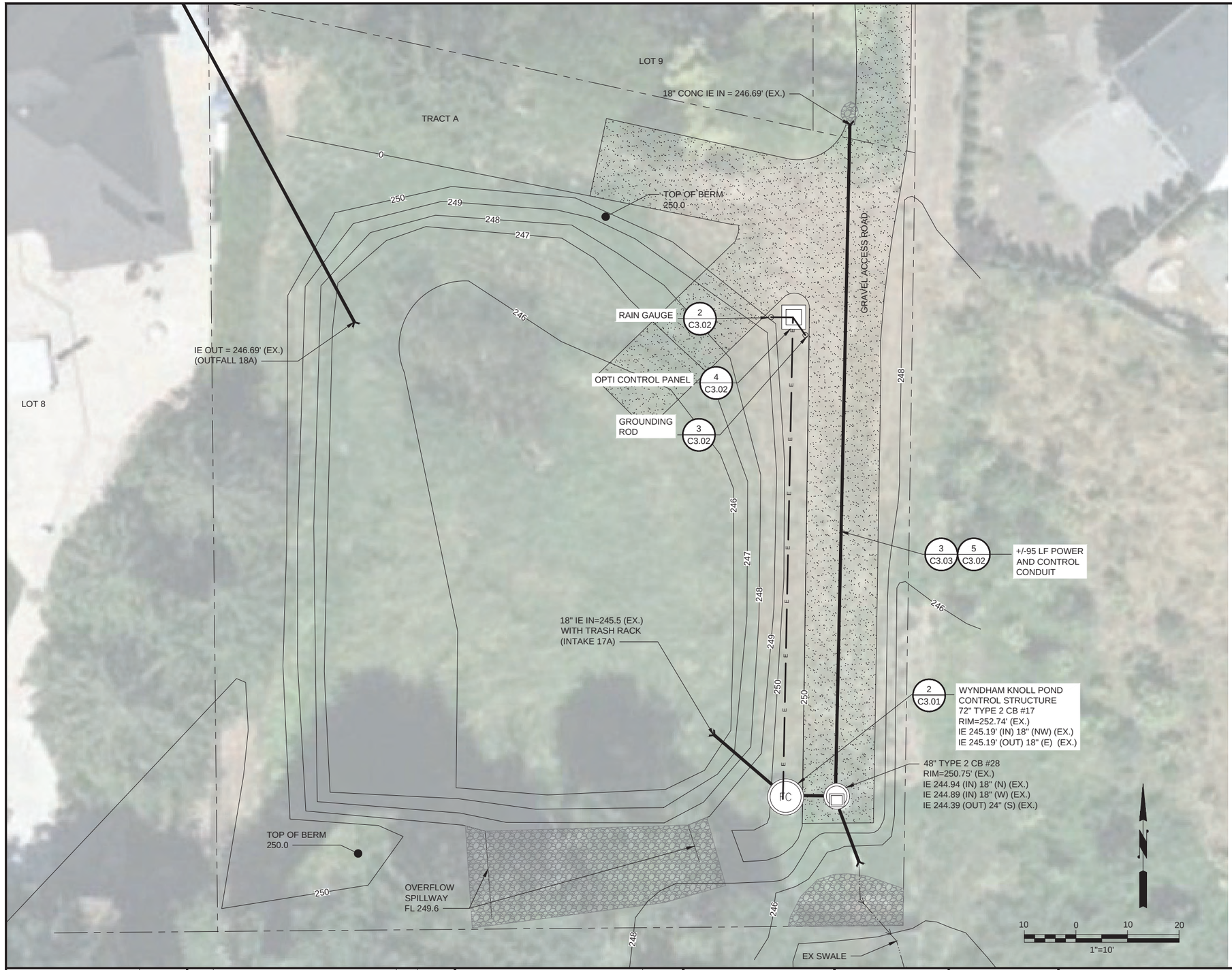
BEAR CREEK BASIC CMAC RETROFIT

CROWN HEIGHTS POND

SHEET 5 OF 9 SHEETS

C2.01

AUTHOR: ONhat
LAST EDITED: June 13, 2022
FILE: O:\proj\Y2020\20-07412-017\CAD\Sheet\Drainage_Plan.dwg



HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

AUTHOR: GWolf
LAST EDITED: June 13, 2022
FILE: O:\proj\20\20-07412-317\CAD\Sheet\Drainage_Plan.dwg

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:		XX
PROJECT MANAGER:	M. MCNAIR	XX
DESIGNED:	C. WEBB	XX
CAD DESIGN:	C. WITZEL	XX

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER L. BEAN — STATE OF WASHINGTON — 22331 — REGISTERED PROFESSIONAL ENGINEER
90% DESIGN
06-03-22

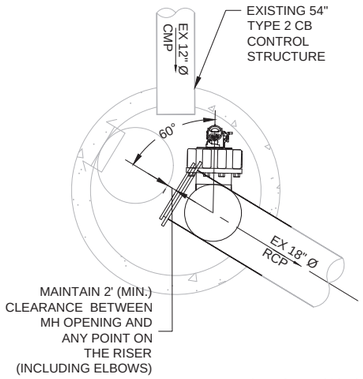
King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

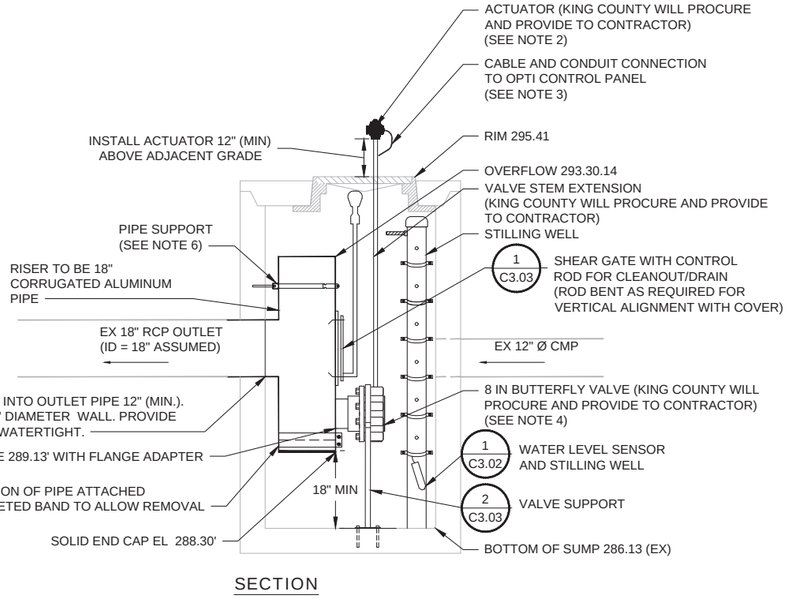
WYNDHAM KNOLL POND

SHEET 6 OF 9 SHEETS

C2.02



PLAN

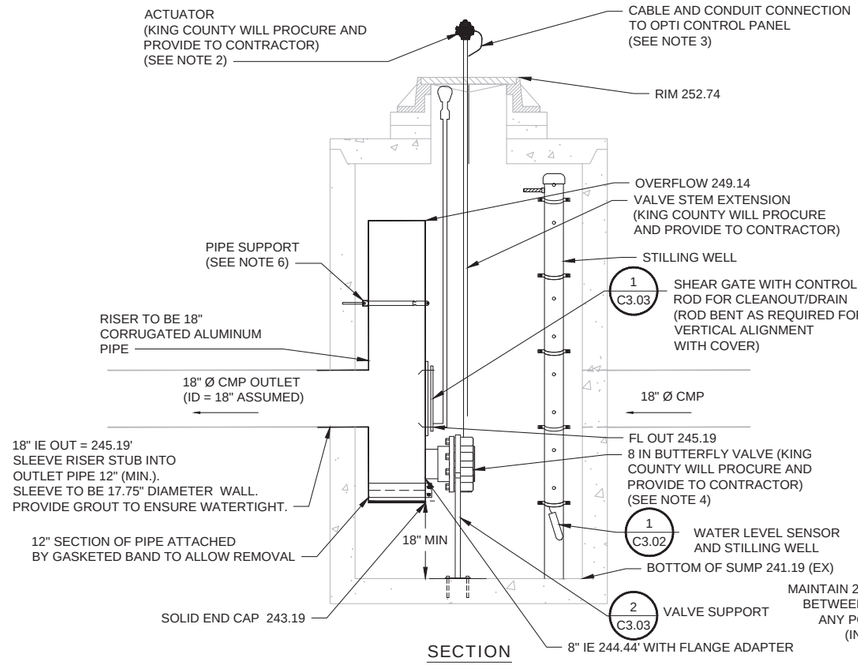


SECTION

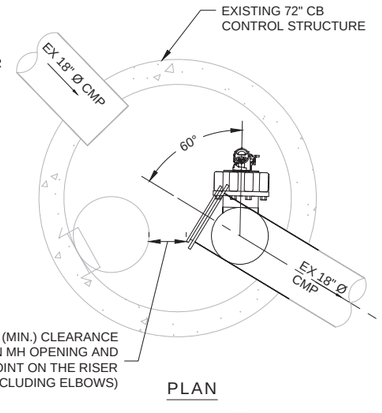
CROWN HEIGHTS POND CONTROL STRUCTURE

SCALE: 1" = 2'

1 C2.01



SECTION



PLAN

WYNDHAM KNOLL POND CONTROL STRUCTURE

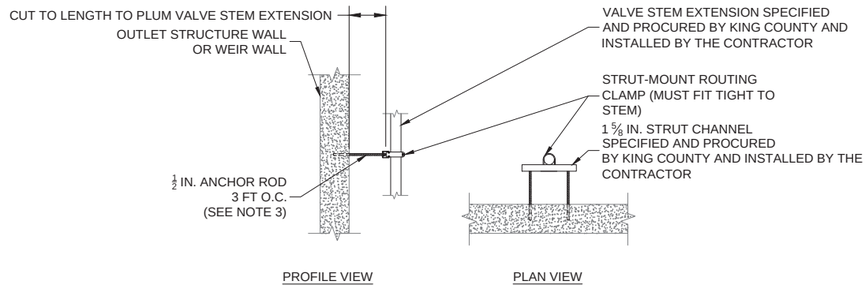
SCALE: 1" = 2'

2 C2.02

OPTI RTC CMAC INSTALLATION NOTES:

1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. ACTUATOR, BUTTERFLY VALVE, AND VALVE STEM EXTENSION (DELIVERED PRE-ASSEMBLED ON PALLET)
   - 1.2. FLANGED PIPE SECTION AND RUBBER GASKET
   - 1.3. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)

   ALL OTHER EQUIPMENT TO BE PROCURED BY INSTALLATION CONTRACTOR.
2. ACTUATOR TO BE ORIENTED WITH WHEEL FACING AWAY FROM WALL. VALVES SHALL REST ON APPROVED STRUCTURE FIT TO BEAR 600LB LOAD.
3. IP68 CORD GRIP REQUIRED FOR CONNECTION BETWEEN WIRE AND CONTROL PANEL. ALL CONDUIT CONNECTIONS TO BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. CONDUIT TO BE SIZED BY CONTRACTOR. ACTUATOR CONDUIT PORT IS $\frac{3}{4}$ IN. INTERNAL THREADED, DOWNSIZE CONDUIT IF NEEDED. CONDUIT ALONG WALL TO BE SECURED WITH #304 SS CLIPS (3' SPACING MAXIMUM).
4. CONTRACTOR TO ENSURE FLANGE AND VALVE ARE COMPATIBLE. FLANGE BOLTS SHALL BE #304 STAINLESS STEEL AND BE TIGHTENED TO THE TORQUE SETTINGS RECOMMENDED BY THE VALVE MANUFACTURER.
5. FLANGE TO WALL CONNECTION: BOLT CAVITIES TO BE CLEANED OF DEBRIS USING AUTO CLEANING DRILL BIT OR COMPRESSED AIR PRIOR TO ANCHORING. BOLT CAVITIES TO BE FILLED WITH INJECTABLE ADHESIVE ANCHOR (HILTI HIT SERIES EPOXY #2123401 OR EQUIVALENT). BOLTS TO BE EMBEDDED TO MINIMUM DEPTH SPECIFIED BY MANUFACTURER, 1 IN. CLEARANCE FROM REBAR.
6. PROVIDE AT LEAST ONE 3 X 0.090 GAUGE SUPPORT BRACKET ANCHORED TO CONCRETE WALL WITH 5/8 IN. STAINLESS STEEL EXPANSION BOLTS OR EMBEDDED SUPPORTS 2 IN. INTO M/H WALL (VERTICAL SPACING).



PROFILE VIEW PLAN VIEW

NOTES:

1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. VALVE STEM EXTENSION (DELIVERED WITH VALVE)
   - 1.2. 12" x 1 5/8 IN. STRUT CHANNEL
   - 1.3. 18" x ½ IN. ANCHOR RODS (2 PER STRUT)
   - 1.4. STRUT-MOUNT ROUTING CLAMPS (2 PER STRUT)
2. ALL BRACKET MATERIALS MUST BE #304 STAINLESS STEEL.
3. MINIMUM SPACING: 1 VALVE STEM MOUNT FOR STEM LENGTH BELOW 3 FEET. ADD VALVE STEM MOUNTS PER ADDITIONAL 3 FEET OF STEM LENGTH.
4. ½ IN. ANCHOR ROD TO BE SET USING INJECTABLE ADHESIVE ANCHOR WITH AUTO CLEANING DRILL BIT OR CLEAN HOLE THOROUGHLY WITH COMPRESSED AIR. USE QUIKRETE HIGH STRENGTH ANCHORING EPOXY (PRODUCT #8620-31) OR EQUIVALENT. ROD SET IN CONCRETE MIN 3 IN..

VALVE STEM MOUNT DETAIL WALL MOUNTED

SCALE: NTS

3 -

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA	NUM.	REVISION	BY	DATE	APPROVED:	XX	PROJECT No. 1142274
SURVEYED: AS BUILT					PROJECT MANAGER: M. MCNAIR	XX	CONTRACT No. E00674E20
SURVEY BASE MAP: NA					DESIGNED: C. WEBB	XX	
CHECKED: NA							
	NUM.	RECORD CHANGES APPROVED	BY	DATE	CAD DESIGN: C. WITZEL	XX	

90% DESIGN 06-15-22

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

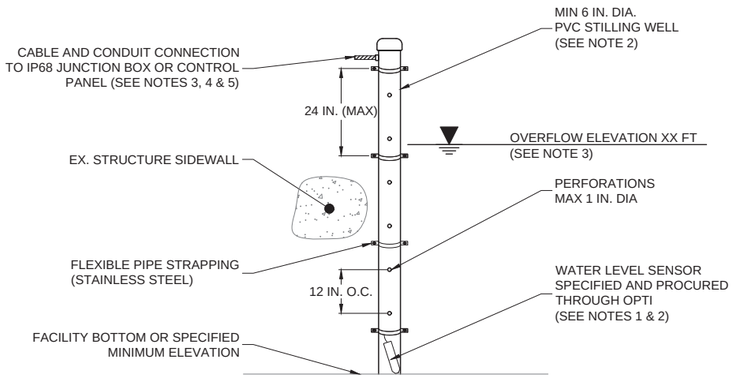
BEAR CREEK BASIC CMAC RETROFIT

DETAILS 1

SHEET 7 OF 9 SHEETS

C3.01

AUTHOR: CWitzel
LAST EDITED: June 15, 2022
FILE: O:\proj\V2020\20-07412-017\CAD\Sheet\Details.dwg



NOTES:

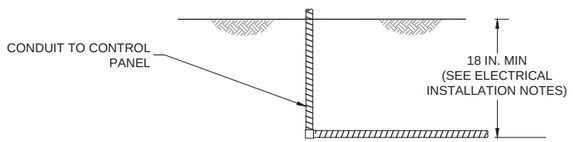
1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. WATER LEVEL SENSOR
   - 1.2. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)

   ALL OTHER EQUIPMENT TO BE PROCURED BY INSTALLATION CONTRACTOR.
2. WATER LEVEL SENSOR TO REST WITHIN PVC STILLING WELL. SENSOR TO REST AT BOTTOM OF FACILITY OR AT SPECIFIED MINIMUM ELEVATION.
3. OPTI-SPECIFIED JUNCTION BOX REQUIRED IF CABLE LENGTH EXCEEDS 100 FT. JUNCTION BOX LOCATION TO BE SPECIFIED BY OPTI. BOTTOM OF JUNCTION BOX TO BE MOUNTED AT LEAST 4 IN. ABOVE OVERFLOW ELEVATION.
4. PENETRATIONS INTO ALL EQUIPMENT AND CONNECTIONS WITHIN JUNCTION BOXES SHALL BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. SEE ELECTRICAL DIAGRAM FOR CABLE AND CONDUIT SPECIFICATION.
5. CONDUIT SECURED ON WALL WITH STAINLESS STEEL CLIPS (3' MAX SPACING). PVC STILLING WELL TO BE SECURED WITH STAINLESS STEEL PIPE STRAPPING (24 IN. MAX SPACING).
6. PRESSURE REFERENCE DEVICE TO BE LOCATED IN OPTI CONTROL PANEL. DO NOT SPLICE WATER LEVEL SENSOR CABLE.
7. MINIMUM 1 FOOT SPARE CABLING TO BE NEATLY COILED IN CONTROL PANEL FOR FUTURE MAINTENANCE OR SYSTEM MODIFICATIONS.

WATER LEVEL SENSOR DETAIL (PRESSURE TRANSDUCER) WALL MOUNTED

SCALE: NTS

1 / C3.01



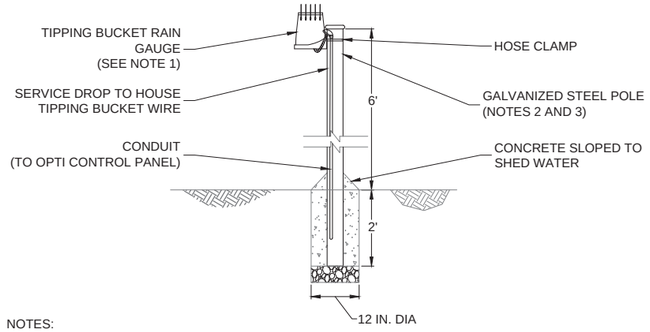
NOTES:

1. BURIED CONDUIT SHALL BE RIGID SCH 40 PVC
2. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED.
3. REPLACED SOIL SHALL BE COMPACTED TO AT LEAST 95% OF ASTM D698.
4. AFTER BACKFILL STABILIZE SURFACE WITH DOT MULTIPURPOSE GRASS SEED MIX AVAILABLE FROM SUNMARK SEEDS. APPLY SEED, MULCH, AND SLOW RELEASE FERTILIZER AS RECOMMENDED BY SUNMARK SEEDS.

CONDUIT BURIAL DETAIL

SCALE: NTS

5 / C2.01



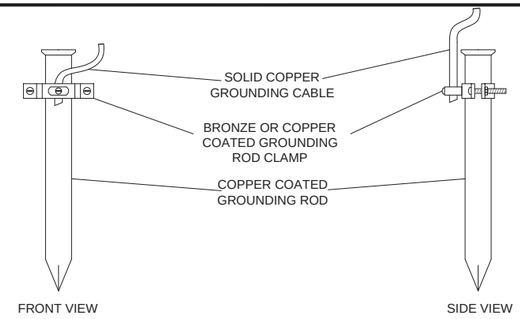
NOTES:

1. MOUNT TIPPING BUCKET RAIN GAUGE PER MANUFACTURERS INSTRUCTIONS.
2. TIPPING BUCKET MOUNT KIT COMES WITH U-BOLT TO FIT A 1.25 IN.-1.75 IN. POLE. CAN ALSO BE MOUNTED TO A 2.5 IN. POLE.
3. TIPPING BUCKET CAN BE MOUNTED ON ANY EXPOSED FREE STANDING POLE OR SURFACE ON SITE.
4. RAIN GAUGE SHOULD BE SITED SUCH THAT SURROUNDING OBJECTS ARE NO CLOSER THAN TWO TIMES THEIR HEIGHT ABOVE THE GAUGE.
5. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED.

RAIN GAUGE

SCALE: NTS

2 / C2.01



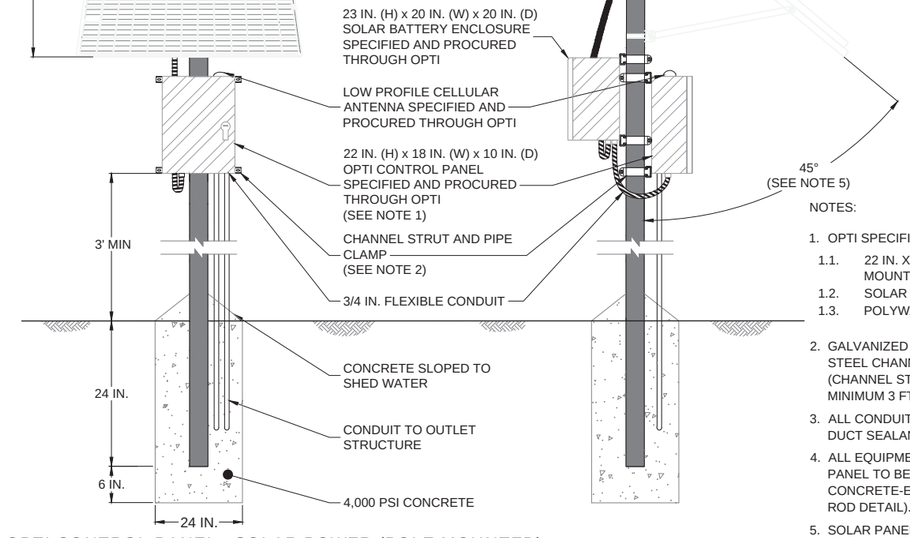
NOTES:

1. GROUNDING ROD TO BE MINIMUM COPPER COATED, 8 FT LENGTH, $\frac{3}{4}$ DIAMETER
2. GROUNDING ROD CLAMP TO BE BRONZE OR COPPER COATED AND SIZED FOR GROUNDING CABLE
3. GROUNDING CONDUCTOR TO BE SOLID COPPER, 12 AWG TO 2 AWG, AND SECURELY LANDED AT GROUNDING ROD CLAMP AND CONTROL PANEL GROUNDING LUG
4. ALL PENETRATIONS IN CONTROL PANEL TO BE 1P68 RATED
5. MAXIMUM 6 IN OF GROUNDING ROD EXPOSED ABOVE GROUND

GROUNDING ROD DETAIL

SCALE: NTS

3 / C2.01



NOTES:

1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. 22 IN. X 18 IN. X 10 IN. NEMA 4X CABINET WITH CELLULAR ANTENNA AND CHANNEL STRUT MOUNTING CLIPS
   - 1.2. SOLAR PANEL KIT AND MOUNTING HARNESS
   - 1.3. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)
2. GALVANIZED STEEL CHANNEL STRUT TO BE BOLTED TO SUPPORT POLE USING GALVANIZED STEEL CHANNEL STRUT PIPE CLAMPS. CONTROL PANEL TO BE BOLTED TO CHANNEL STRUT (CHANNEL STRUT MOUNTING CLIP SHIPPED WITH CONTROL PANEL). PANEL TO BE MOUNTED MINIMUM 3 FT. FROM GROUND.
3. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. SEE ELECTRICAL DIAGRAM FOR CABLE AND CONDUIT SPECIFICATION.
4. ALL EQUIPMENT TO BE GROUNDED TO CONTROL PANEL GROUNDING LUGS. OPTI CONTROL PANEL TO BE GROUNDED TO A GROUNDING ROD, GALVANIZED STEEL POLE, OR CONCRETE-ENCASED GROUNDING ELECTRODE. (SEE ELECTRICAL DIAGRAM AND GROUNDING ROD DETAIL).
5. SOLAR PANELS TO BE MOUNTED FACING SOUTH AT 45° FROM THE MOUNTING POLE.

OPTI CONTROL PANEL - SOLAR POWER (POLE MOUNTED)

SCALE: NTS

4 / C2.01

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA			
SURVEYED: AS BUILT			
SURVEY BASE MAP: NA			
CHECKED: NA			

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:	XX
PROJECT MANAGER: M. MCNAIR	XX
DESIGNED: C. WEBB	XX
CAD DESIGN: C. WITZEL	XX

PROJECT No. 1142274

CONTRACT No. E00674E20

CHRISTOPHER R. STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER
90% DESIGN
06-15-22

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

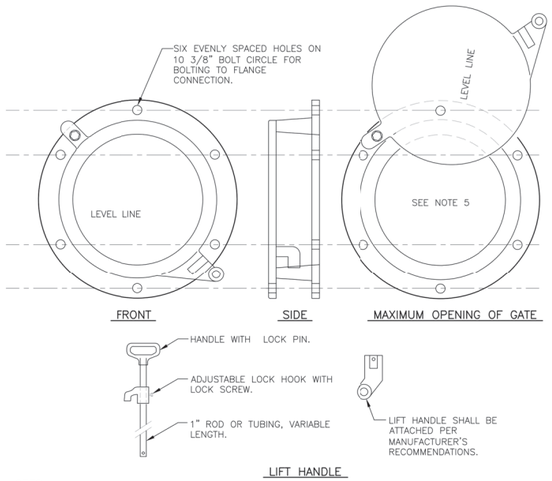
BEAR CREEK BASIC CMAC RETROFIT

DETAILS 2

SHEET 8 OF 9 SHEETS

C3.02

AUTHOR: CWood
LAST EDITED: June 13, 2022
FILE: O:\proj\2020\20-07412-017\CAD\Sheet\Details.dwg



NOTES:

1. SHEAR GATE SHALL BE ALUMINUM ALLOY PER ASTM B-26-ZG-32a OR CAST IRON ASTM A48 CLASS 30B AS REQUIRED.
2. GATE SHALL BE 8 IN. DIAM. UNLESS OTHERWISE SPECIFIED.
3. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
4. LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.
5. GATE SHALL NOT OPEN BEYOND THE CLEAR OPENING BY LIMITED HINGE MOVEMENT, STOP TAB, OR SOME OTHER DEVICE.
6. NEOPRENE RUBBER GASKET REQUIRED BETWEEN RISER MOUNTING FLANGE AND GATE FLANGE.
7. MATING SURFACES OF LID AND BODY TO BE MACHINED FOR PROPER FT.
8. FLANGE MOUNTING BOLTS SHALL BE 3/8 IN. DIAM. STAINLESS STEEL.
9. ALTERNATE CLEANOUT/SHEAR GATES TO THE DESIGN SHOWN ARE ACCEPTABLE, PROVIDED THEY MEET THE MATERIAL SPECIFICATIONS ABOVE AND HAVE A SIX BOLT, 10 3/8 IN. BOLT CIRCLE FOR BOLTING TO THE FLANGE CONNECTION.
10. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

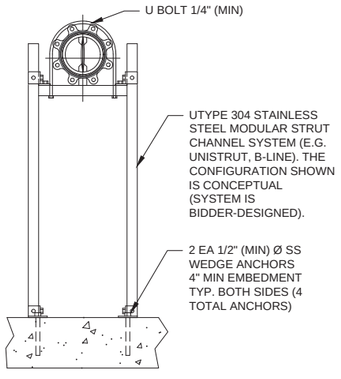
Department of Transportation
Road Services Division
2016 Design and
King County Construction Standards

TEE SECTION SHEAR GATE DETAIL — FIG. 7-026

7-31

DETAIL - SHEAR GATE (PER KCRDCS DRAWING 7-026) — 1 / -

SCALE: NTS



NOTES:

1. VALVE SUPPORT SYSTEM SHALL BE BIDDER DESIGNED TO SUPPORT A MINIMUM LOAD OF 600# (MIN.) APPLIED AT THE CENTER SPAN OF THE HORIZONTAL MEMBER.
2. THE MANUFACTURING, DESIGN AND ASSEMBLY OF THE VALVE SUPPORT SYSTEM SHALL COMPLY WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS AND THE MANUFACTURER'S RECOMMENDATIONS.

DETAIL - VALVE SUPPORT — 2 / -

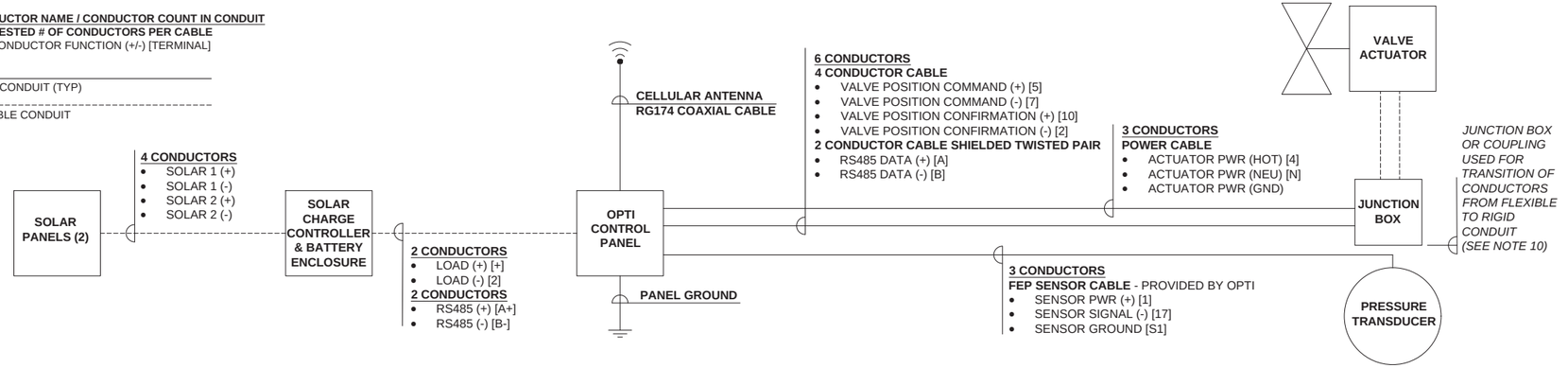
SCALE: NTS

KEY:

CONDUCTOR NAME / CONDUCTOR COUNT IN CONDUIT
SUGGESTED # OF CONDUCTORS PER CABLE
- CONDUCTOR FUNCTION (+/-) [TERMINAL]

RIGID CONDUIT (TYP)

FLEXIBLE CONDUIT



24VDC WIRING GUIDE - V 2.0.4				
CONTROL PANEL TERMINAL	EXTERNAL DEVICE TERMINAL	WIRE COLOR/CABLE LOCATION	PURPOSE	PROCURED BY
SOLAR LOAD CONNECTION				
+	L+	RED (+), LOAD WIRE FROM CHARGE CONTROLLER	SOLAR BATTERY POSITIVE (+) POWER	OPTI
2	L-	BLACK (-), LOAD WIRE FROM CHARGE CONTROLLER	SOLAR BATTERY NEGATIVE (-) POWER	OPTI
A+	A	2 CONDUCTOR CABLE, TWISTED PAIR	SOLAR CHARGE CONTROLLER DATA (+)	INSTALLER
B-	B	2 CONDUCTOR CABLE, TWISTED PAIR	SOLAR CHARGE CONTROLLER DATA (-)	INSTALLER
ACTUATOR - ROTORK IQT & IQD SERIES (IQT: 303M2000, IQD: 143M2000)				
4	1	3 CONDUCTOR CABLE	ACTUATOR POWER (+)	INSTALLER
2	2	3 CONDUCTOR CABLE	ACTUATOR POWER (-)	INSTALLER
GROUND LUG	GND SYMBOL	3 CONDUCTOR CABLE	ACTUATOR GROUND	INSTALLER
5	16	4 CONDUCTOR CABLE	VALVE POSITION COMMAND SIGNAL (+)	INSTALLER
7	17	4 CONDUCTOR CABLE	VALVE POSITION COMMAND SIGNAL (-)	INSTALLER
10	15	4 CONDUCTOR CABLE	VALVE POSITION CONFIRMATION SIGNAL (+)	INSTALLER
2	14	4 CONDUCTOR CABLE	VALVE POSITION CONFIRMATION SIGNAL (-)	INSTALLER
A +	27	2 CONDUCTOR CABLE, SHIELDED TWISTED PAIR	RS485 DATA (+)	INSTALLER
B -	28	2 CONDUCTOR CABLE, SHIELDED TWISTED PAIR	RS485 DATA (-)	INSTALLER
PRESSURE TRANSDUCER (4-20mA) - PMC VL2000 SERIES				
1	----------	RED (+), PMC	PRESSURE TRANSDUCER, POWER	OPTI
17	----------	BLACK (-), PMC	PRESSURE TRANSDUCER, SIGNAL	OPTI
S1	----------	GREEN (GND), PMC	PRESSURE TRANSDUCER, GROUNDING	OPTI

ACTUATOR POWER CABLE AWG SPECIFICATIONS	
ROTORK IQT250	
WIRE GAUGE	MAX. LENGTH (FT)
8	159
10	100
12	63
14	40
16	25
18	16

MINIMUM CONDUIT SIZE SPECIFICATIONS	
NO. CONDUCTORS	MIN. CONDUIT SIZE (IN)
2	½
3 - 6	¾
7 - 9	1
10 - 12	1-¼

DETAIL - ELECTRICAL DIAGRAM (PROVIDED BY OPTI) — 3 / C2.01

SCALE: NTS

ELECTRICAL INSTALLATION NOTES

1. DETERMINE IF THERE ARE UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO EXCAVATION, BY CALLING DIG SAFE AT LEAST 48 HOURS PRIOR TO STARTING WORK. CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO UNDERGROUND UTILITIES CAUSED BY TRENCHING OR EXCAVATION.
2. INSTALLATION OF THE CONTROL PANEL AND ASSOCIATED COMPONENTS (E.G., CABLING, CONDUIT, SENSORS) MUST BE PERFORMED BY A LICENSED ELECTRICIAN. ELECTRICIAN SHALL BE RESPONSIBLE FOR ENSURING THAT THE CONTROL PANEL AND ASSOCIATED COMPONENTS ARE PROPERLY CONNECTED TO THE SOLAR POWER SYSTEM AND THAT CONDUIT AND CABLING IS SIZED AND INSTALLED PER THE NEC.
3. ALL CONDUCTORS SHALL BE IDENTIFIED AT EACH END (LABELED OR COLOR CODED) AND THE IDENTIFIED CONDUCTORS DOCUMENTED IN THE SITE LAYOUT MAP.
4. PENETRATIONS INTO CONTROL PANEL MUST BE IP68 RATED (NO WATER SHALL PENETRATE ANY SEALS). SUBSURFACE TERMINATIONS SHALL BE SEALED WITH POLYWATER CLOSED-CELL FOAM DUCT SEALANT (PROCURED THROUGH OPTI WITH CONTROL PANEL).
5. REFERENCE "ACTUATOR POWER CABLE AWG SPECIFICATIONS" TABLE FOR THE CORRECT CONDUCTOR GAUGE FOR ACTUATOR POWER CONNECTIONS. ALL OTHER CONDUCTORS MUST BE AT LEAST 16AWG.
6. ALL BURIED CONDUIT RUNS SHALL BE RIGID SCH 40 PVC CONDUIT. ALL EXPOSED CONDUIT SHALL BE RIGID SCH 40 PVC OR FLEXIBLE TYPE-UA PVC. BURIED RIGID SCHEDULE 40 CONDUIT SHALL BE INSTALLED WITH A MINIMUM COVER OF AT LEAST 18" IN ACCORDANCE WITH TABLE 300.5 OF THE NEC.
7. CONDUIT SHALL BE SIZED PER THE NEC TO HAVE AN ADEQUATE CROSS-SECTIONAL AREA FOR INSTALLED CABLES. REFERENCE OPTI PROVIDED TABLE FOR MINIMUM CONDUIT SIZE. ACTUATOR HAS ¾" PORTS FOR CONDUIT, USE REDUCING FITTING IF NEEDED.
8. LEAVE A MINIMUM OF 1 FOOT SPARE CABLING NEATLY COILED IN CONTROL PANEL FOR FUTURE MAINTENANCE OR SYSTEM MODIFICATIONS.
9. LEAVE A MINIMUM 3 FEET LOOP OF FLEXIBLE CONDUIT IN OUTLET STRUCTURE FOR EASE OF FUTURE MAINTENANCE. FLEXIBLE CONDUIT SHALL RUN FROM ACTUATOR TO JUNCTION BOX LOCATED IN OUTLET STRUCTURE. RIGID CONDUIT SHALL RUN FROM JUNCTION BOX TO OPTI CONTROL PANEL.
10. ALL SUBMERGED/SATURATED METAL HARDWARE SHALL BE STAINLESS STEEL. GALVANIZED STEEL MAY BE USED ABOVEGROUND OR IN DRY LOCATIONS.
11. PRESSURE REFERENCE DEVICE (COMPONENT OF LEVEL SENSOR AT CABLE TERMINATION) TO BE LOCATED IN OPTI CONTROL PANEL. USE LABELING SCHEME DICTATED ON ELECTRICAL SCHEDULE.
12. CONNECT ALL EQUIPMENT GROUNDING CONDUCTORS TO THE OPTI CONTROL PANEL GROUNDING LUGS. GROUND THE OPTI CONTROL PANEL TO A GROUNDING ROD, GALVANIZED STEEL POLE, OR A CONCRETE-ENCASED GROUNDING ELECTRODE.
13. AFTER INSTALLATION, COMPLETE CONTRACTOR INSTALLATION CHECKLIST PROVIDED BY OPTI AND PROVIDE PHOTOS OF ALL INSTALLED EQUIPMENT. SEND SIGNED CHECKLIST AND PHOTOS TO OPTI.
14. OPTI WILL INSPECT INSTALLED COMPONENTS PRIOR TO ENERGIZING THE SYSTEM. FINAL COMPLETION SHALL BE REACHED WHEN: (1) CONSTRUCTION OF THE SYSTEM PER THE PLANS IS COMPLETE; (2) THE ENGINEER OF RECORD HAS COMPLETED FINAL INSPECTION OF WORK AND ALL NOTED DEFICIENCIES HAVE BEEN CORRECTED TO THE SATISFACTION OF THE ENGINEER OF RECORD, OPTI, AND THE SITE OWNER; AND (3) AN AS-BUILT SKETCH HAS BEEN PROVIDED OF ALL INSTALLED COMPONENTS IF FINAL INSTALL LOCATIONS HAVE VARIED FROM PLANSET.

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

AUTHOR: CWhat
LAST EDITED: June 13, 2022
FILE: O:\proj\YY2020\20-07412-017\CAD\Sheet\DetailsJuly

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE

NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:		XX
PROJECT MANAGER:	M. MCNAIR	XX
DESIGNED:	C. WEBB	XX
CAD DESIGN:	C. WITZEL	XX

PROJECT No. 1142274

CONTRACT No. E00674E20

CHRISTOPHER T. TRUE — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER
90% DESIGN 06-15-22

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

DETAILS 3

SHEET 9 OF 9 SHEETS

C3.03

HERRERA

TECHNICAL MEMORANDUM

Date: August 8, 2022

To: Matt McNair, PE, Water Quality Program Manager
Water and Land Resources Division, King County DNRP

From: Christopher Webb, PE, Herrera Environmental Consultants

Subject: Technical Information Report Supplement
Bear Creek CMAC Retrofit



INTRODUCTION

This Technical Memorandum is issued as a supplement to the Final Technical Information Report for the Bear Creek CMAC Retrofit dated May 31, 2022. The purpose of this supplement is to discuss the additional requirements that will apply if the construction occurs in the wet season (October 1 – April 30). Originally the project has been planned to complete construction prior to September 30.

The following sections replace the corresponding section of the above referenced TIR.

cw—tir_supplement_22-0728 .docx

TECHNICAL INFORMATION REPORT (TIR) WORKSHEETS

This revised part 13 should replace the corresponding sections in both the Crown Heights and Wyndham Knoll projects.

Part 13 EROSION AND SEDIMENT CONTROL REQUIREMENTS

MINIMUM ESC REQUIREMENTS DURING CONSTRUCTION	MINIMUM ESC REQUIREMENTS AFTER CONSTRUCTION
☐ Clearing Limits	☒ Stabilize exposed surfaces
☐ Cover Measures	☐ Remove and restore Temporary ESC Facilities
☒ Perimeter Protection	☐ Clean and remove all silt and debris, ensure operation of Permanent Facilities, restore operation of Flow Control BMP Facilities as necessary
☐ Traffic Area Stabilization	☐ Flag limits of SAO and open space preservation areas
☐ Sediment Retention	☐ Other _____
☐ Surface Water Collection	
☐ Dewatering Control	
☐ Dust Control	
☐ Flow Control	
☐ Protection of Flow Control BMP Facilities (existing and proposed)	
☒ Maintain BMPs / Manage Project	

The Text Below replaces the text in the TIR

CORE REQUIREMENT #5: EROSION AND SEDIMENT CONTROL

Up to approximately 380 square feet of land disturbance may be required for project completion at the Crown Heights location and up to approximately 320 square feet of land disturbance will be required for project completion at the Wyndham Knoll location. This maximum total of 700 square feet of land disturbance will be related to the installation of power conduit and small foundations for the solar power and control equipment.

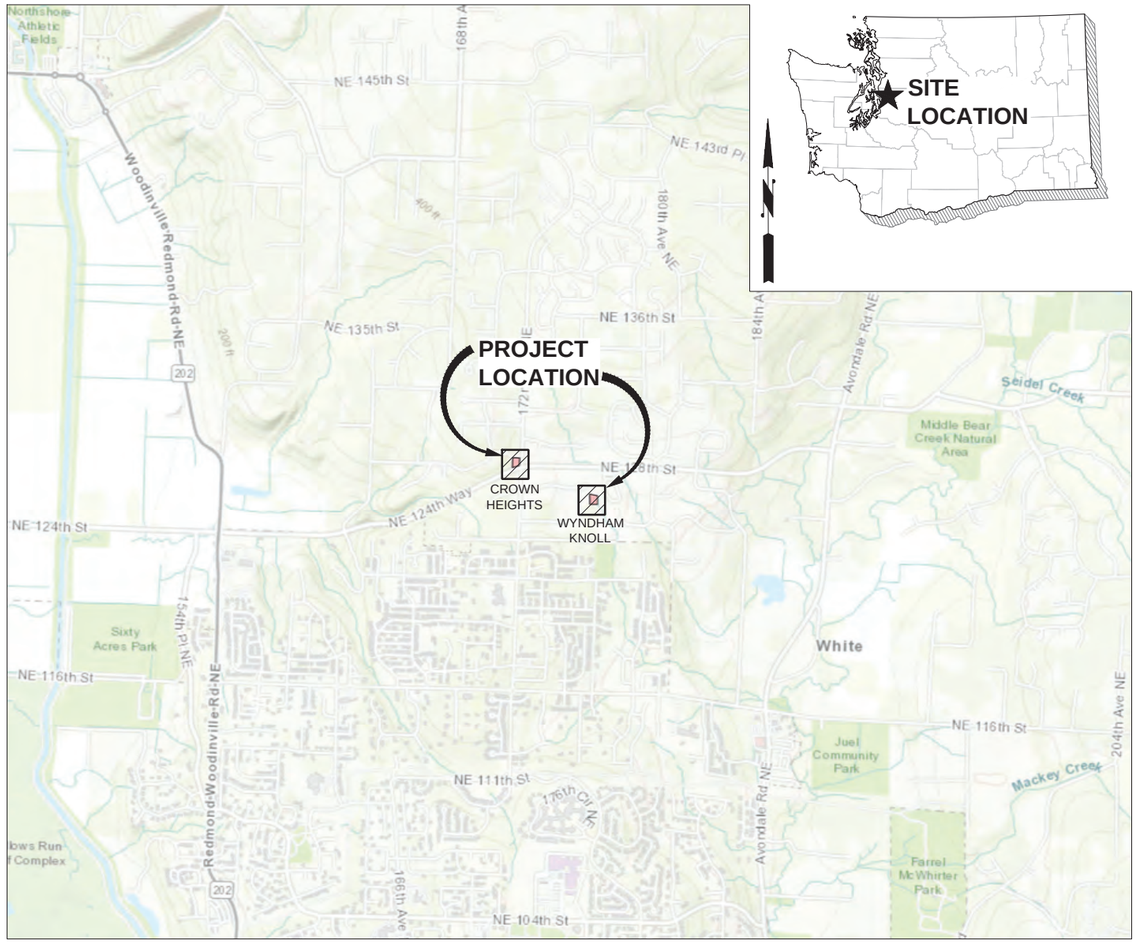
This disturbance will occur within the pasture landcover adjacent to the ponds and based on the anticipated construction methods is expected to be stabilized with mulch and seed within 2 days of construction. The plans show providing Straw Wattles per BMP D.2.1.2.5 of the KCSWDM, Appendix D are shown for perimeter protection and seeding per BMP D.2.1.2.6 of the KCSWDM, Appendix D is shown for permeant stabilization.

A Construction Stormwater Pollution Prevention (CSWPP) plan will be included in the plan set for the proposed project and will provide temporary Erosion and Sediment Control (ESC) measures and the Stormwater Pollution Prevention and Spill Control (SWPPS) information. The

plan will be per the standards described in the King County *Construction Stormwater Pollution Prevention Standards* (KCSWDM Appendix D).

BEAR CREEK BASIC CMAC RETROFIT

KING COUNTY, WASHINGTON



VICINITY MAP

SCALE: 1"=1/4 MILE

SHEET INDEX		
SHEET NO.	DRAWING	DESCRIPTION
1	G0.01	COVER
2	G0.02	NOTES AND LEGEND
3	C1.01	EXISTING CONDITIONS CROWN HEIGHTS
4	C1.02	EXISTING CONDITIONS WYNDHAM KNOLL
5	C2.01	CROWN HEIGHTS POND
6	C2.02	WYNDHAM KNOLL POND
7	C3.01	DETAILS 1
8	C3.02	DETAILS 2
9	C3.03	DETAILS 3
10	C3.04	DETAILS 4

OWNER:

WATER AND LAND RESOURCES DIVISION, DNRP
KING STREET CENTER
201 S JACKSON ST, STE #5600
SEATTLE, WA 98104
PHONE: 206-477-4861
EMAIL: MMCNAIR@KINGCOUNTY.GOV
CONTACT: MATTHEW McNAIR, PE

ENGINEER:

HERRERA ENVIRONMENTAL CONSULTANTS
2200 SIXTH AVENUE, SUITE 1100
SEATTLE, WA 98121
PHONE: (206) 441-9080
EMAIL: CWEBB@HERRERAINC.COM
CONTACT: CHRISTOPHER WEBB, PE

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE
0	BID SET	CJW	8/10/22
NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER J. WEBB, STATE OF WASHINGTON, 35712, REGISTERED PROFESSIONAL ENGINEER
22-0808

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

COVER

SHEET 1 OF 10 SHEETS

G0.01

AUTHOR: CWitzel
LAST EDITED: August 8, 2022
FILE: O:\proj\Y2020\20-07412-017\CAD\SheetCover.dwg

ABBREVIATIONS

APPROX	APPPROXIMATE
AVE	AVENUE
AVG	AVERAGE
CB	CATCH BASIN
C/L, CL	CENTERLINE
COMM	COMMUNICATION
CONC	CONCRETE
CONST	CONSTRUCT, CONSTRUCTION
CO	CLEANOUT
CP	CONTROL POINT
DIA	DIAMETER
DR	DRIVE
DWG	DRAWING
E	EAST, EASTING
EA	EACH
EL	ELEVATION
EX	EXISTING
FT	FEET/FOOT
GV	GATE VALVE
IE	INVERT ELEVATION
IN	INCH/INCHES
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTH/NORTHING
NA	NOT APPLICABLE
NTS	NOT TO SCALE
QTY	QUANTITY
RD	ROAD
REF	REFERENCE
ROW	RIGHT-OF-WAY
S	SOUTH, SLOPE
SD	STORM DRAIN
TESC	TEMPORARY EROSION AND SEDIMENT CONTROL
TYP	TYPICAL
W	WEST, WATER
#	POUNDS

LEGEND - PROPOSED

- PARCEL LINE
- PROJECT LIMITS
- SWALE
- TOP OF BANK (TOP)
- TOE OF BANK (TOE)
- EDGE OF PAVEMENT
- RIGHT-OF-WAY (ROW)
- GUARDRAIL
- BERM
- CONSTRUCTION ACCESS
- ITEM REMOVAL (TREE OR STRUCTURE)
- REMOVE LINE
- ABANDON LINE
- CONCRETE
- RIPRAP
- ELECTRICAL CONDUIT (E)
- CONTROL PANEL
- CATCH BASIN TYPE 1/TYPE 1L
- CATCH BASIN TYPE 2
- STORM DRAIN MANHOLE
- FLOW CONTROL STRUCTURE (FC)
- STORM DRAIN PIPE

REQUIRED SUBMITTALS:

1. SHOP DRAWINGS FOR THE TWO CORRUGATED ALUMINUM OUTLET RISERS (ONE PER PROJECT SITE).
2. STRUCTURAL CALCULATIONS FOR THE VALVE SUPPORT (DETAIL 3 ON SHEET C3.03).

GENERAL NOTES:

1. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE KING COUNTY CODE (KCC), ROAD STANDARDS (KCRS), WASHINGTON STATE DOT (WSDOT) STANDARD SPECIFICATIONS AND THE CONDITIONS OF PRELIMINARY APPROVAL. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO KING COUNTY.

2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE KING COUNTY DEPARTMENT OF DEVELOPMENT AND ENVIRONMENTAL SERVICES (DDES) ENGINEERING REVIEW CHECKLIST. SOME ELEMENTS MAY HAVE BEEN OVERLOOKED OR MISSED BY THE DDES PLAN REVIEWER. ANY VARIANCE FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY KING COUNTY PRIOR TO CONSTRUCTION.

3. APPROVAL OF THIS ROAD, GRADING, PARKING AND DRAINAGE PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (E.G. DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.)

4. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

5. GRADING ACTIVITIES (SITE ALTERATION) ARE LIMITED TO THE HOURS OF 7 A.M. TO 7 P.M. MONDAY THROUGH SATURDAY AND 10 A.M. TO 5 P.M. ON SUNDAY, UNLESS OTHERWISE APPROVED WITH A WRITTEN DECISION BY THE REVIEWING AGENCY.

6. IT SHALL BE THE APPLICANT'S/CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL CONSTRUCTION EASEMENTS NECESSARY BEFORE INITIATING OFF-SITE WORK. EASEMENTS REQUIRE REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

7. DATUM SHALL BE KCAS UNLESS OTHERWISE APPROVED BY DDES.

8. ALL UTILITY TRENCHES AND ROADWAY SUBGRADE SHALL BE BACKFILLED AND COMPACTED TO 95 PERCENT DENSITY, STANDARD PROCTOR.

9. OPEN CUTTING OF EXISTING ROADWAYS FOR NON-FRANCHISED UTILITY OR STORM WORK IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY DDES AND NOTED ON THESE APPROVED PLANS. ANY OPEN CUT SHALL BE RESTORED IN ACCORDANCE WITH KCRS.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY. WORK IN RIGHT-OF-WAY IS NOT AUTHORIZED UNTIL A TRAFFIC CONTROL PLAN IS APPROVED BY KING COUNTY.

EROSION CONTROL NOTES:

1. NOT USED

2. ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO DAYS DURING THE WET SEASON OR SEVEN DAYS DURING THE DRY SEASON SHALL BE IMMEDIATELY STABILIZED WITH DOT MULTIPURPOSE GRASS SEED MIX AVAILABLE FROM SUNMARK SEEDS. APPLY SEED, MULCH, AND SLOW RELEASE FERTILIZER AS RECOMMENDED BY SUNMARK SEEDS.

3. PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE DDES INSPECTOR FOR REVIEW.

NOTE AND DETAIL/SECTION REFERENCING

1 / C-1 — DETAIL REFERENCE NUMBER; DRAWING ON WHICH DETAIL IS SHOWN

DETAIL
SCALE: NTS
1 / C-1 — DETAIL REFERENCE NUMBER; DRAWING FROM WHICH DETAIL WAS TAKEN

A / C-4 — SECTION REFERENCE LETTER; DRAWING ON WHICH SECTION IS SHOWN

A — SECTION REFERENCE LETTER WHEN SECTION IS ON SAME SHEET

SECTION/PROFILE
SCALE: NTS
A / C-2 — SECTION/PROFILE REFERENCE LETTER; DRAWING FROM WHICH SECTION/PROFILE WAS TAKEN

"-" INDICATES THAT THE DETAIL/SECTION IS SHOWN ON THE SAME SHEET

"TYP" INDICATES THAT THE DETAIL/SECTION IS UNIFORMLY TYPICAL THROUGHOUT PROJECT EXCEPT WHERE OTHERWISE NOTED

"VAR" SPECIFIES THAT DETAIL/SECTION WAS TAKEN FROM VARIOUS DRAWINGS

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE
0	BID SET	CJW	8/10/22
NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER J. WEBB — STATE OF WASHINGTON — 35712 — REGISTERED PROFESSIONAL ENGINEER
22-0823

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

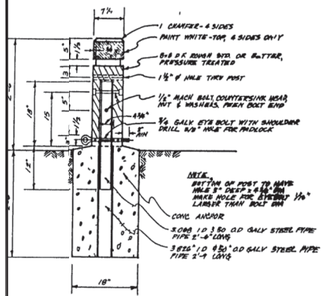
BEAR CREEK BASIC CMAC RETROFIT

NOTES AND LEGEND

SHEET 2 OF 10 SHEETS

G0.02

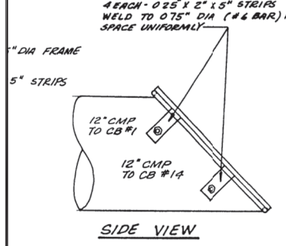
AUTHOR: CWood
LAST EDITED: June 13, 2022
FILE: C:\proj\Y2020\20-07412-017\CAD\SheetNotes_leg_abbr.dwg



SECTION - REMOVABLE BOLLARD

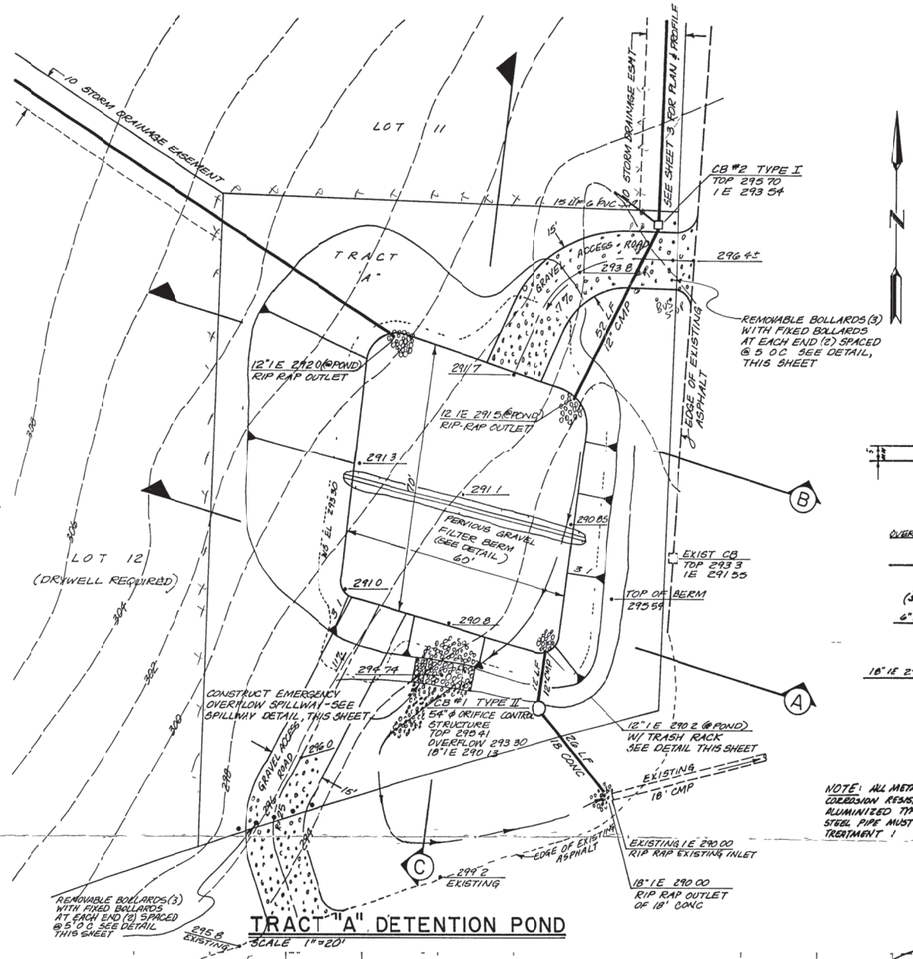
D DETAILS

S MUST BE GALVANIZED
TED (TREATMENT 1



SIDE VIEW

CK DETAILS

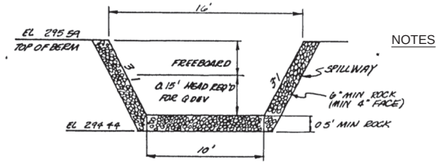


TRACT "A" DETENTION POND
SCALE 1"=20'

TER BE ENCOUNTERED DURING CONSTRUCTION
ONTRACTOR SHALL INSTALL PERMANENT
NUS AS DIRECTED BY ENGINEER AND APPROVED
SWM THE FROP SHALL BE ADJUSTED TO
UND WATER BASEFLOW. AS-BUILT DOCUMENTS
ED TO KING COUNTY SWM FOR APPROVAL



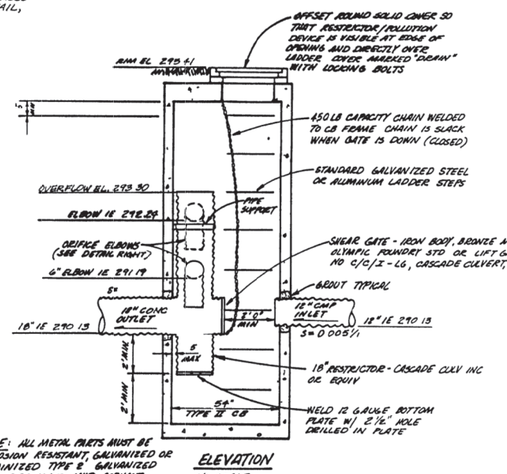
PERVIOUS GRAVEL FILTER BERM
NO SCALE



EMERGENCY OVERFLOW SPILLWAY - SECTION DETAIL
NO SCALE

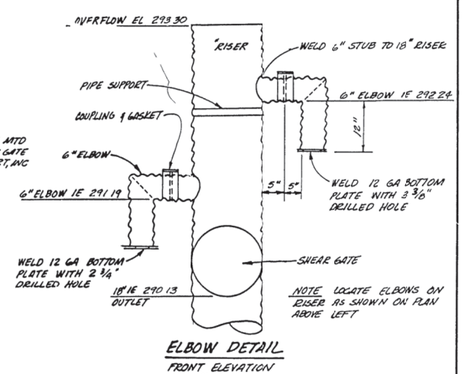
NOTES

NOTE: EXISTING CONDITIONS SHOWN TAKEN PER AS-BUILT OF PLAT OF CROWN HEIGHTS, TRACT "A" DETENTION POND (SHEET 8 OF 9), DATED 8/8/86, PREPARED BY LAND DESIGN & MANAGEMENT.



NOTE: ALL METAL PARTS MUST BE CORROSION RESISTANT, GALVANIZED OR ALUMINIZED TYPE 2. GALVANIZED STEEL PIPE MUST HAVE ASPHALT TREATMENT 1

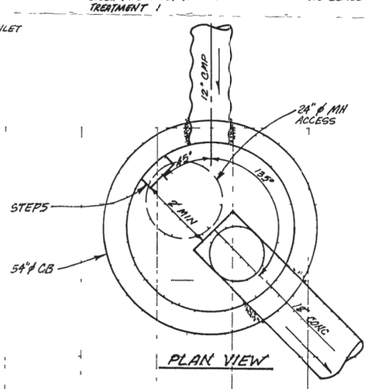
ELEVATION
NO SCALE



ELBOW DETAIL
FRONT ELEVATION
NO SCALE

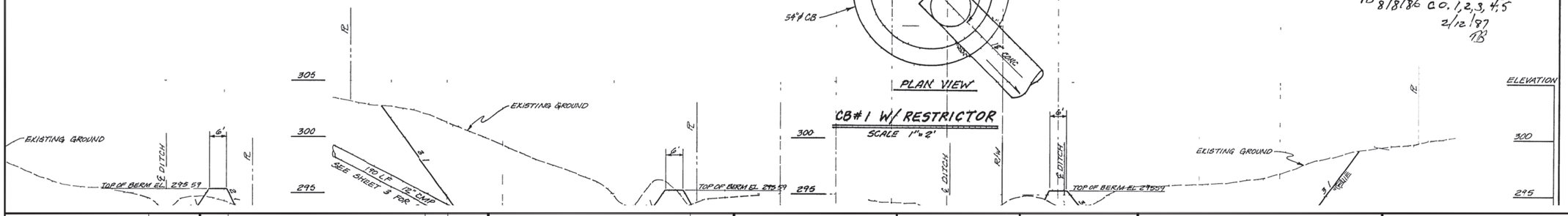
CB #1 FLOW RESTRICTOR W/ ORIFICE

NO SCALE



PLAN VIEW

CB #1 W/ RESTRICTOR
SCALE 1"=2'



KING CO. DEPARTMENT OF PUBLIC WORKS
APPROVED DATE 8/8/86
SIGNATURE
TB 8/8/86 CO. 1,2,3,4,5
2/12/87
TB

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA	NUM.	REVISION	BY / DATE
SURVEYED: AS BUILT			
SURVEY BASE MAP: NA			
CHECKED: NA	0	BID SET	CJW 8/10/22
	NUM.	RECORD CHANGES APPROVED	BY / DATE

APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER C. WEBB STATE OF WASHINGTON 35712 REGISTERED PROFESSIONAL ENGINEER
22-0808

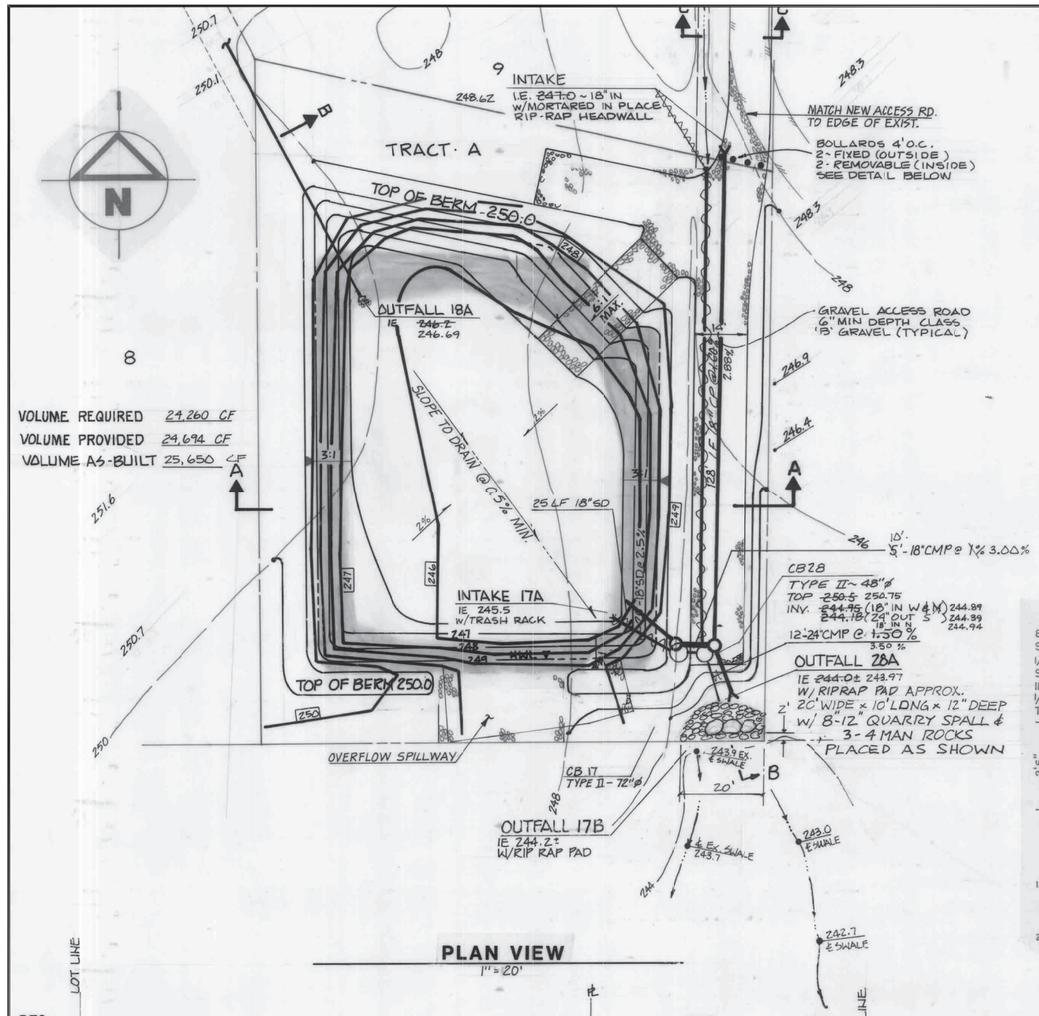
King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

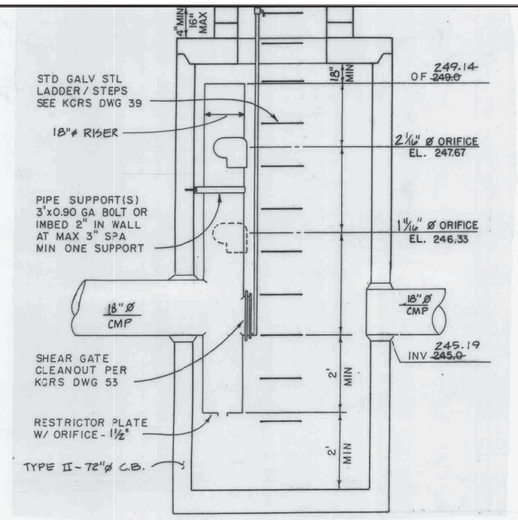
BEAR CREEK BASIC CMAC RETROFIT

EXISTING CONDITIONS
CROWN HEIGHTS

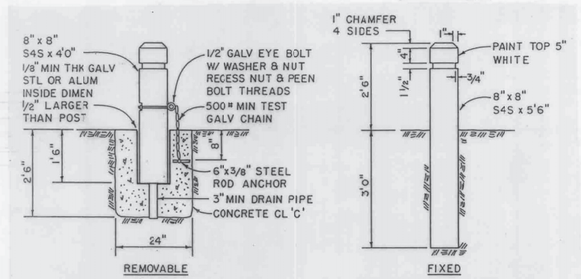
SHEET 3 OF 10 SHEETS
C1.01

AUTHOR: Conn
LAST EDITED: February 24, 2022
FILE: O:\proj\20202\07412-017\CAD\Sheet\Existing_Conditions.dwg





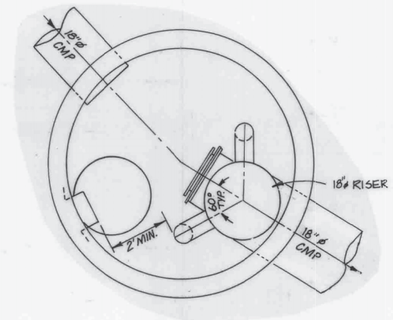
ELEVATION
NO SCALE



1. TIMBER TO BE DOUGLAS FIR, DENSE CONSTRUCTION GRADE, PENTACHLOROPHENOL PRESSURE TREATED BY EMPTY CELL PROCESS W/ MIN NET RETENTION OF 0.05 lbs/cf DRY SALT (USE LT PETROLIUM SOLV)
2. STEEL TUBE TO CONFORM TO ASTM A53 OR ASTM A53 GRADE A
3. NUTS, BOLTS, & WASHERS TO CONFORM TO ASTM A307
4. ALL STEEL PARTS TO BE GALVANIZED
5. SEE KCRS SECTION 5.08

TYPICAL BOLLARD DETAIL
NO SCALE

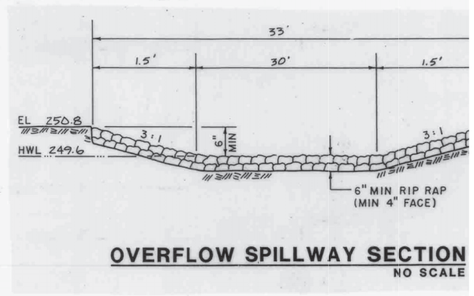
ELBOW DETAIL
NO SCALE



PLAN
1" = 2'

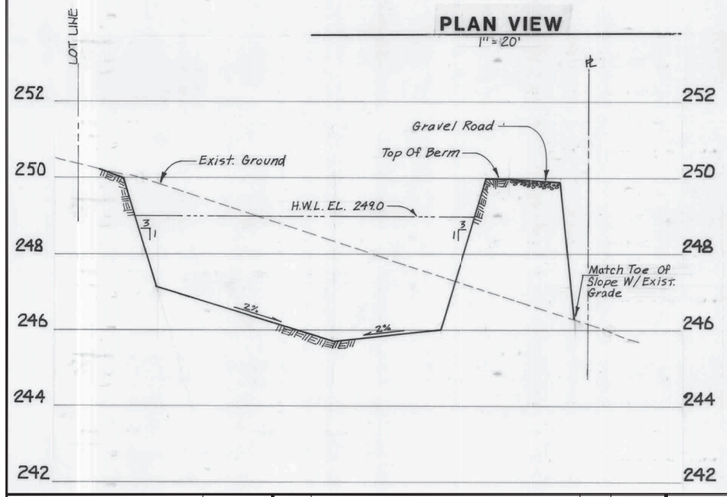
NOTE: EXISTING CONDITIONS SHOWN TAKEN PER AS-BUILT OF PLAT OF WYNDHAM KNOLL, DETENTION POND PLAN, TRACT A (SHEET 7 OF 10), DATED 2/34/90, PREPARED BY GROUP FOUR, INC.

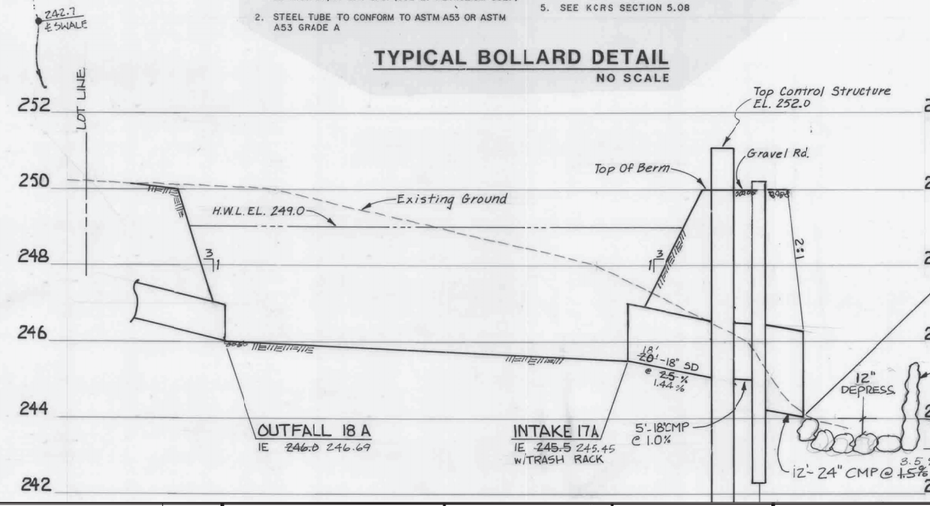
CONTROL STRUCTURE #17
72" Ø CATCH BASIN
NO SCALE

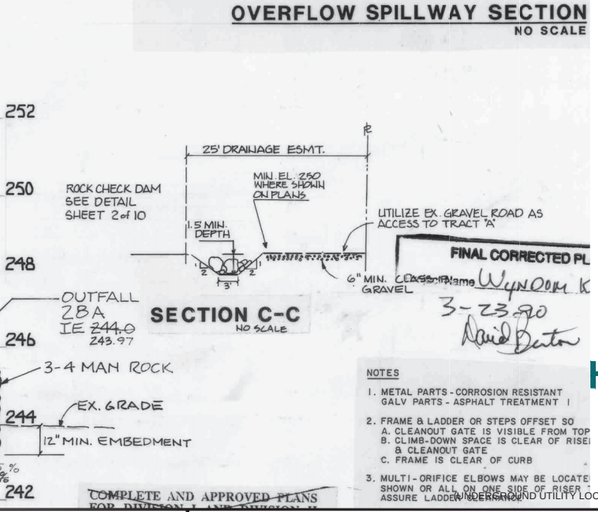


OVERFLOW SPILLWAY SECTION
NO SCALE

PLAN VIEW
1" = 20'







SECTION C-C
NO SCALE

FINAL CORRECTED PL
Name WYNDHAM K
3-23-90

NOTES
1. METAL PARTS - CORROSION RESISTANT GALV PARTS - ASPHALT TREATMENT I
2. FRAME & LADDER OR STEPS OFFSET SO
   A. CLEANOUT GATE IS VISIBLE FROM TOP
   B. CLIMB-DOWN SPACE IS CLEAR OF RISE
   & CLEANOUT GATE
   C. FRAME IS CLEAR OF CURB
3. MULTI-ORIFICE ELBOWS MAY BE LOCATE
   SHOWN OR ALL ON ONE SIDE OF RISER
   ASSURE LADDER CLEARANCE

COMPLETE AND APPROVED PLANS
FOR DIVISION LINE DIVISION M

(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

HERRERA
20-07412-017

811 Know what's below. Call before you dig.

FIELD BOOK: NA		NUM.	REVISION	BY	DATE	APPROVED:		PROJECT No. 1142274	
SURVEYED: AS BUILT						PROJECT MANAGER: M. MCNAIR		CONTRACT No. E00674E20	
SURVEY BASE MAP: NA						DESIGNED: C. WEBB	7/8/22		
CHECKED: NA		0	BID SET	CJW	8/10/22	CAD DESIGN: C. WITZEL	7/8/22		
		NUM.	RECORD CHANGES APPROVED	BY	DATE				

CHRISTOPHER J. WEBB STATE OF WASHINGTON 15712 REGISTERED PROFESSIONAL ENGINEER
22-0808

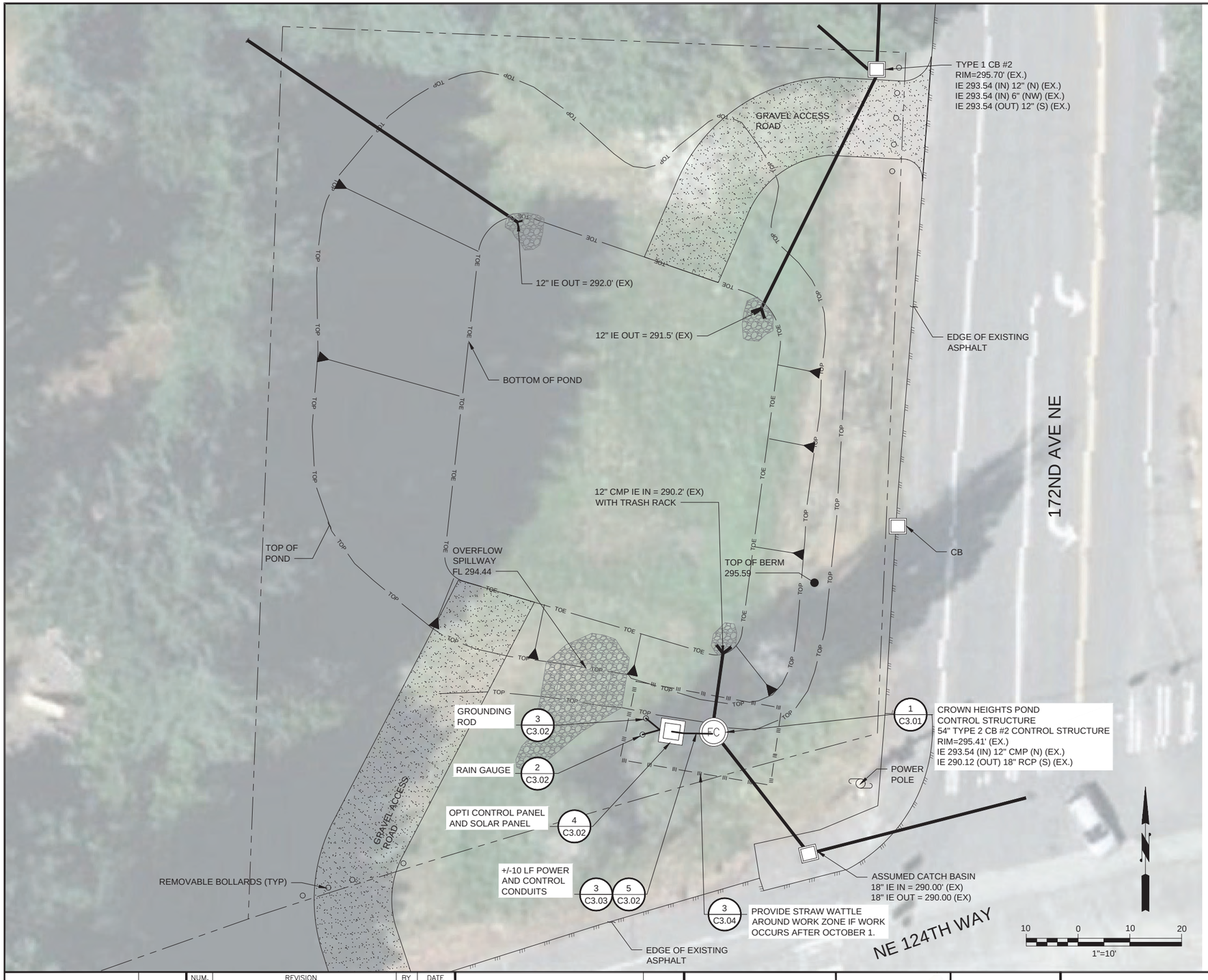
King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

EXISTING CONDITIONS
WYNDHAM KNOLL

SHEET 4 OF 10 SHEETS
C1.02

AUTHOR: Cmain
LAST EDITED: February 24, 2022
FILE: O:\proj\Y2020\20-07412\07-CAD\Sheet\Existing_Conditions.dwg



NOTE: ALL EXPOSED SOILS SHALL BE MULCHED AND SEEDED BY APPLYING THE FOLLOWING TO THE DISTURBED SOILS:

1. NATIVE E/C SEED MIX (AVAILABLE FROM SUNMARK SEEDS OF FAIRVIEW OREGON HTTPS://WWW.SUNMARKSEEDS.COM/WP-CONTENT/UPLOADS/2014/05/2014-NATIVE-EC.PDF) APPLIED AT A RATE OF 1 LB. PER 1,000 SF.
2. 1/4" THICKNESS LAYER OF COMPOST.

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE
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APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER J. WEBB STATE OF WASHINGTON 35712 REGISTERED PROFESSIONAL ENGINEER
22-0808

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

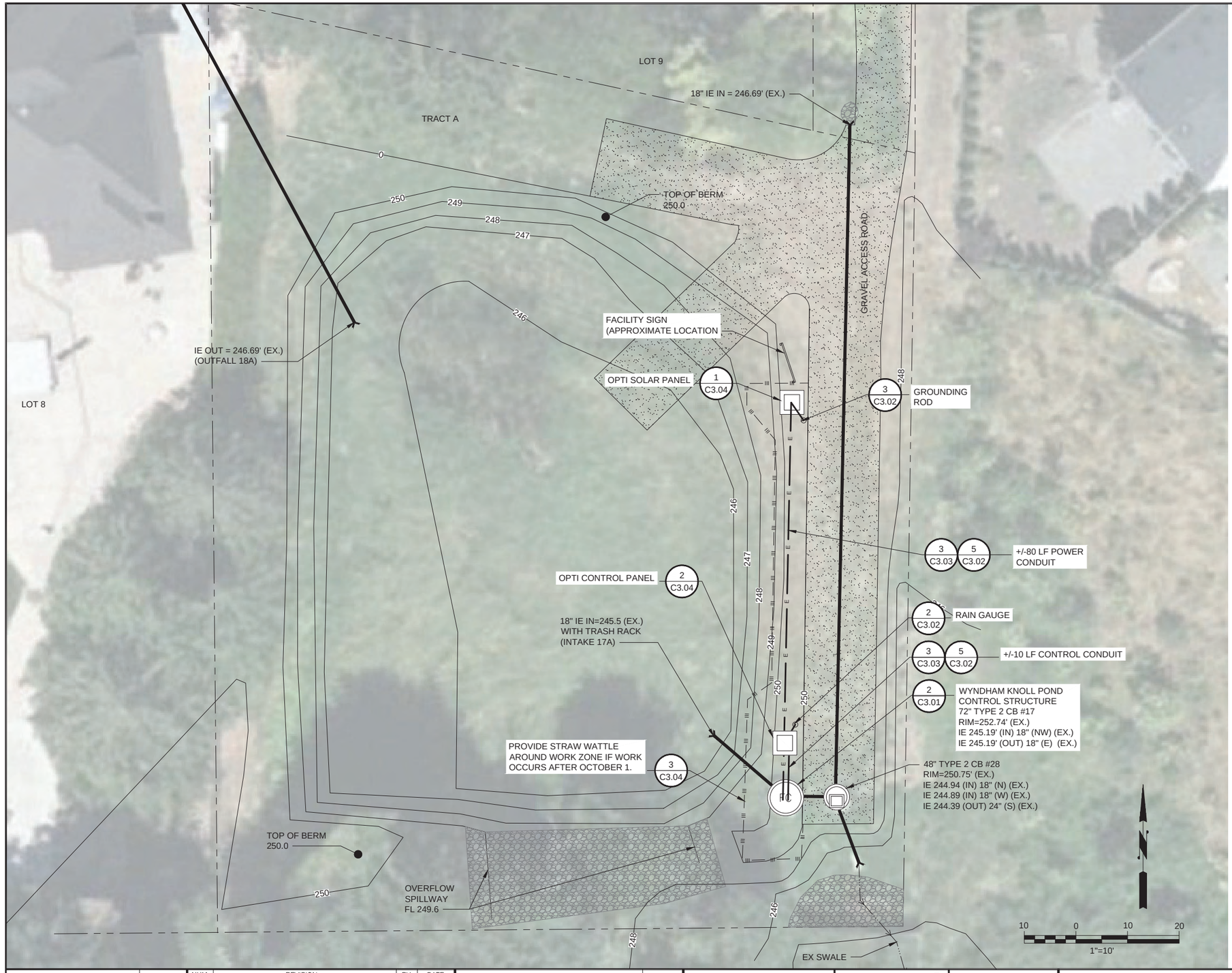
BEAR CREEK BASIC CMAC RETROFIT

CROWN HEIGHTS POND

SHEET 5 OF 10 SHEETS

C2.01

AUTHOR: CWitzel
LAST EDITED: August 9, 2022
FILE: O:\proj\Y2020\20-07412-017\CAD\Sheet\Drainage_Plan.dwg



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2. 1/4" THICKNESS LAYER OF COMPOST.

HERRERA

20-07412-017

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SURVEY BASE MAP: NA
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NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
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CHRISTOPHER R. WEBB STATE OF WASHINGTON 35712 REGISTERED PROFESSIONAL ENGINEER
22-0808

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

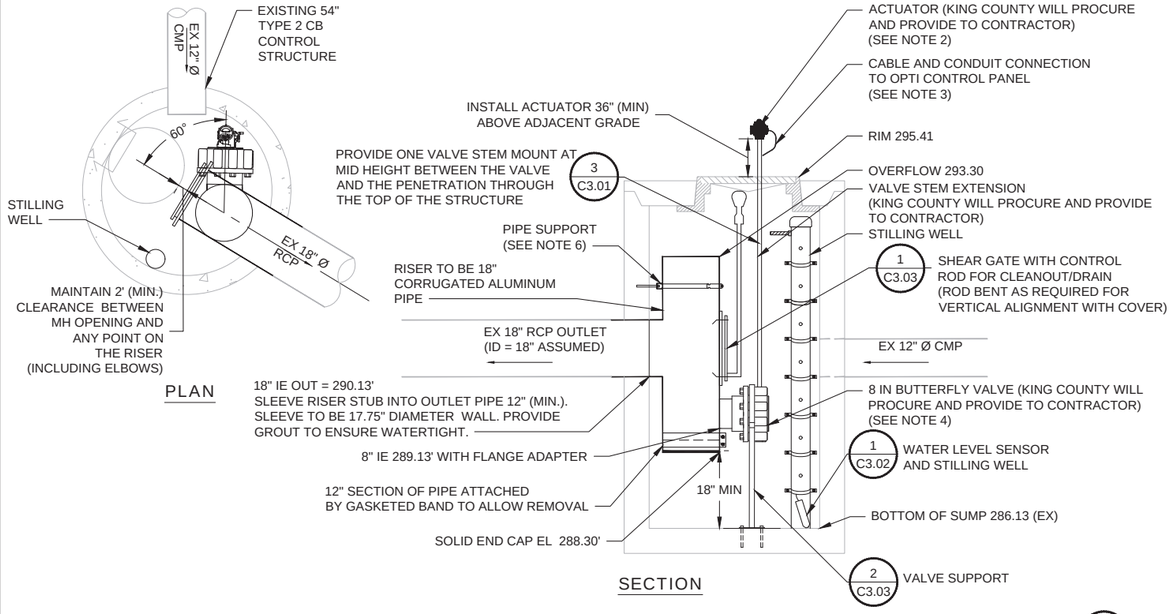
BEAR CREEK BASIC CMAC RETROFIT

WYNDHAM KNOLL POND

SHEET 6 OF 10 SHEETS

C2.02

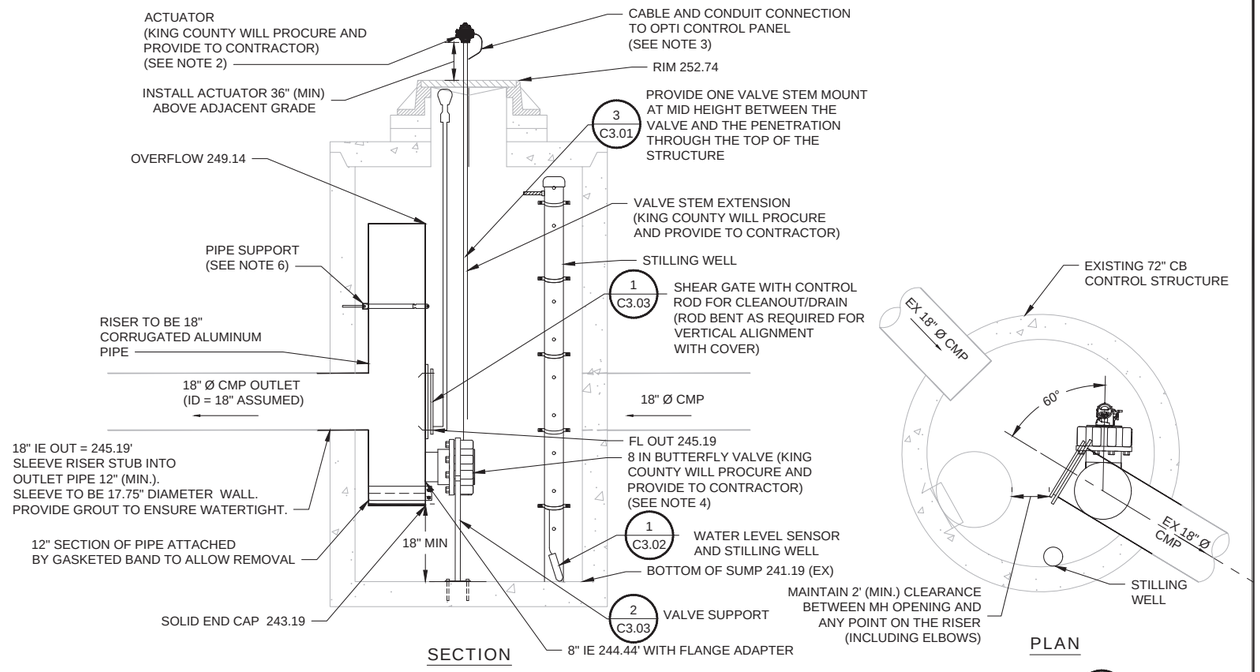
AUTHOR: CWebb
LAST EDITED: August 8, 2022
FILE: O:\nrs\Y2020\20-07412-017\CAD\Sheet\Drawings_Plan.dwg



CROWN HEIGHTS POND CONTROL STRUCTURE

SCALE: 1" = 2'

1 C2.01



WYNDHAM KNOLL POND CONTROL STRUCTURE

SCALE: 1" = 2'

2 C2.02

OPTI RTC CMAC INSTALLATION NOTES:

1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. ACTUATOR, BUTTERFLY VALVE, AND VALVE STEM EXTENSION (DELIVERED PRE-ASSEMBLED ON PALLET)
   - 1.2. FLANGED PIPE SECTION AND RUBBER GASKET
   - 1.3. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)

   ALL OTHER EQUIPMENT TO BE PROCURED BY INSTALLATION CONTRACTOR.

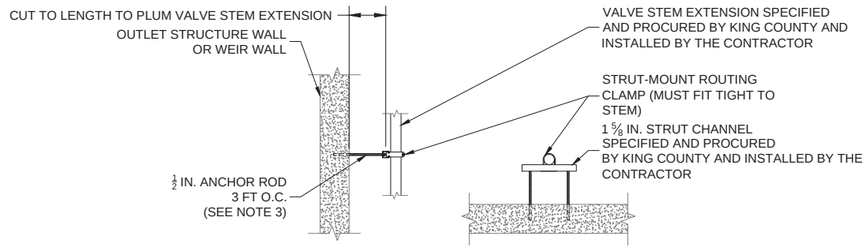
2. GROUT/SEAL THE VALVE STEM PENETRATION WITH PREPACKAGED NON-SHRINK GROUT MEETING THE REQUIREMENTS OF ASTM C1107 (MIN. COMPRESSIVE STRENGTH 4,000 PSI AT 7 DAYS) OR SINGLE-COMPONENT POLYURETHANE SEALANT CONFORMING TO ASTM C920 TYPE S, GRADE NS, CLASS 25, USE M.

3. IP68 CORD GRIP REQUIRED FOR CONNECTION BETWEEN WIRE AND CONTROL PANEL. ALL CONDUIT CONNECTIONS TO BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. CONDUIT TO BE SIZED BY CONTRACTOR. ACTUATOR CONDUIT PORT IS ¾ IN. INTERNAL THREADED, DOWNSIZE CONDUIT IF NEEDED. CONDUIT ALONG WALL TO BE SECURED WITH #304 SS CLIPS (3' SPACING MAXIMUM).

4. CONTRACTOR TO ENSURE FLANGE AND VALVE ARE COMPATIBLE. VALVE IS A PRATT BF SERIES WAFER/LUG BUTTERFLY VALVE. FLANGE BOLTS SHALL BE #304 STAINLESS STEEL AND BE TIGHTENED TO THE TORQUE SETTINGS RECOMMENDED BY THE VALVE MANUFACTURER (PRATT).

5. FLANGE TO WALL CONNECTION: BOLT CAVITIES TO BE CLEANED OF DEBRIS USING AUTO CLEANING DRILL BIT OR COMPRESSED AIR PRIOR TO ANCHORING. BOLT CAVITIES TO BE FILLED WITH INJECTABLE ADHESIVE ANCHOR (HILTI HIT SERIES EPOXY #2123401 OR EQUIVALENT). BOLTS TO BE EMBEDDED TO MINIMUM DEPTH SPECIFIED BY MANUFACTURER, 1 IN. CLEARANCE FROM REBAR.

6. PROVIDE AT LEAST ONE 3 X 0.090 GAUGE SUPPORT BRACKET ANCHORED TO CONCRETE WALL WITH 5/8 IN. STAINLESS STEEL EXPANSION BOLTS OR EMBEDDED SUPPORTS 2 IN. INTO M/H WALL (VERTICAL SPACING).



NOTES:

1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. VALVE STEM EXTENSION (DELIVERED WITH VALVE)
   - 1.2. 12" x 1 5/8 IN. STRUT CHANNEL
   - 1.3. 18" x ½ IN. ANCHOR RODS (2 PER STRUT)
   - 1.4. STRUT-MOUNT ROUTING CLAMPS (2 PER STRUT)

2. ALL BRACKET MATERIALS MUST BE #304 STAINLESS STEEL.

3. MINIMUM SPACING: 1 VALVE STEM MOUNT FOR STEM LENGTH BELOW 3 FEET. ADD VALVE STEM MOUNTS PER ADDITIONAL 3 FEET OF STEM LENGTH.

4. ½ IN. ANCHOR ROD TO BE SET USING INJECTABLE ADHESIVE ANCHOR WITH AUTO CLEANING DRILL BIT OR CLEAN HOLE THOROUGHLY WITH COMPRESSED AIR. USE QUIKRETE HIGH STRENGTH ANCHORING EPOXY (PRODUCT #8620-31) OR EQUIVALENT. ROD SET IN CONCRETE MIN 3 IN..

VALVE STEM MOUNT DETAIL WALL MOUNTED

SCALE: NTS

3 -

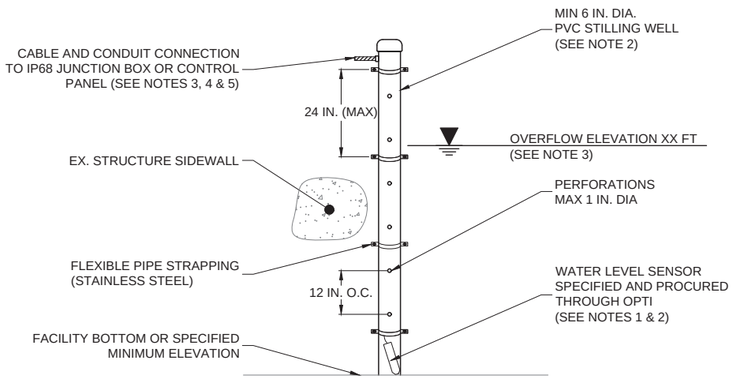
HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA		NUM.	REVISION	BY	DATE	APPROVED:		PROJECT No. 1142274		King County Department of Natural Resources and Parks Water and Land Resources Division Stormwater Services Section **Capital Services Unit** *Christie True, Director*	**BEAR CREEK BASIC CMAC RETROFIT**	SHEET 7 OF 10 SHEETS
SURVEYED: AS BUILT						PROJECT MANAGER: M. MCNAIR						
SURVEY BASE MAP: NA						DESIGNED: C. WEBB	7/8/22	CONTRACT No. E00674E20				
CHECKED: NA		0	BID SET	CJW	8/10/22						DETAILS 1	C3.01
		NUM.	RECORD CHANGES APPROVED	BY	DATE	CAD DESIGN: C. WITZEL	7/8/22					

CHRISTOPHER L. WEBB STATE OF WASHINGTON 35712 REGISTERED PROFESSIONAL ENGINEER 22-0808

AUTHOR: CWitzel
LAST EDITED: August 8, 2022
FILE: O:\proj\V2020\20-07412-017\CAD\Sheet\Details.dwg



NOTES:

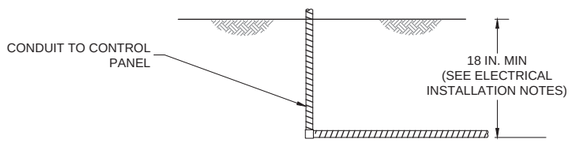
1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. WATER LEVEL SENSOR
   - 1.2. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)

   ALL OTHER EQUIPMENT TO BE PROCURED BY INSTALLATION CONTRACTOR.
2. WATER LEVEL SENSOR TO REST WITHIN PVC STILLING WELL. SENSOR TO REST AT BOTTOM OF FACILITY OR AT SPECIFIED MINIMUM ELEVATION.
3. OPTI-SPECIFIED JUNCTION BOX REQUIRED IF CABLE LENGTH EXCEEDS 100 FT. JUNCTION BOX LOCATION TO BE SPECIFIED BY OPTI. BOTTOM OF JUNCTION BOX TO BE MOUNTED AT LEAST 4 IN. ABOVE OVERFLOW ELEVATION.
4. PENETRATIONS INTO ALL EQUIPMENT AND CONNECTIONS WITHIN JUNCTION BOXES SHALL BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. SEE ELECTRICAL DIAGRAM FOR CABLE AND CONDUIT SPECIFICATION.
5. CONDUIT SECURED ON WALL WITH STAINLESS STEEL CLIPS (3' MAX SPACING). PVC STILLING WELL TO BE SECURED WITH STAINLESS STEEL PIPE STRAPPING (24 IN. MAX SPACING).
6. PRESSURE REFERENCE DEVICE TO BE LOCATED IN OPTI CONTROL PANEL. DO NOT SPLICE WATER LEVEL SENSOR CABLE.
7. MINIMUM 1 FOOT SPARE CABLING TO BE NEATLY COILED IN CONTROL PANEL FOR FUTURE MAINTENANCE OR SYSTEM MODIFICATIONS.

WATER LEVEL SENSOR DETAIL (PRESSURE TRANSDUCER) WALL MOUNTED

SCALE: NTS

1 / C3.01



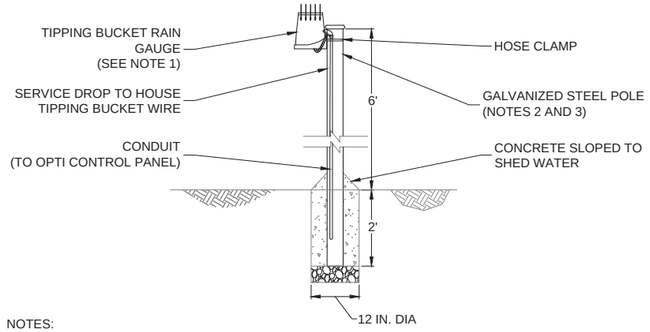
NOTES:

1. BURIED CONDUIT SHALL BE RIGID SCH 40 PVC
2. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED.
3. REPLACED SOIL SHALL BE COMPACTED TO AT LEAST 95% OF ASTM D698.
4. AFTER BACKFILL STABILIZE SURFACE WITH DOT MULTIPURPOSE GRASS SEED MIX AVAILABLE FROM SUNMARK SEEDS. APPLY SEED, MULCH, AND SLOW RELEASE FERTILIZER AS RECOMMENDED BY SUNMARK SEEDS.

CONDUIT BURIAL DETAIL

SCALE: NTS

5 / C2.01



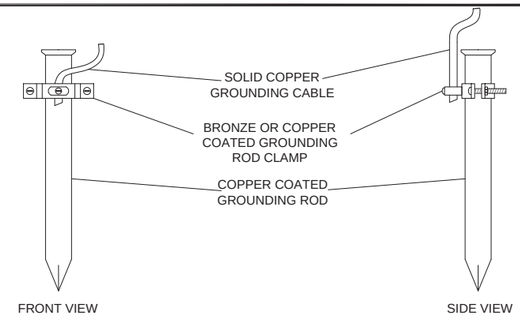
NOTES:

1. MOUNT TIPPING BUCKET RAIN GAUGE PER MANUFACTURERS INSTRUCTIONS.
2. TIPPING BUCKET MOUNT KIT COMES WITH U-BOLT TO FIT A 1.25 IN.-1.75 IN. POLE. CAN ALSO BE MOUNTED TO A 2.5 IN. POLE.
3. TIPPING BUCKET CAN BE MOUNTED ON ANY EXPOSED FREE STANDING POLE OR SURFACE ON SITE.
4. RAIN GAUGE SHOULD BE SITED SUCH THAT SURROUNDING OBJECTS ARE NO CLOSER THAN TWO TIMES THEIR HEIGHT ABOVE THE GAUGE.
5. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED.

RAIN GAUGE

SCALE: NTS

2 / C2.01



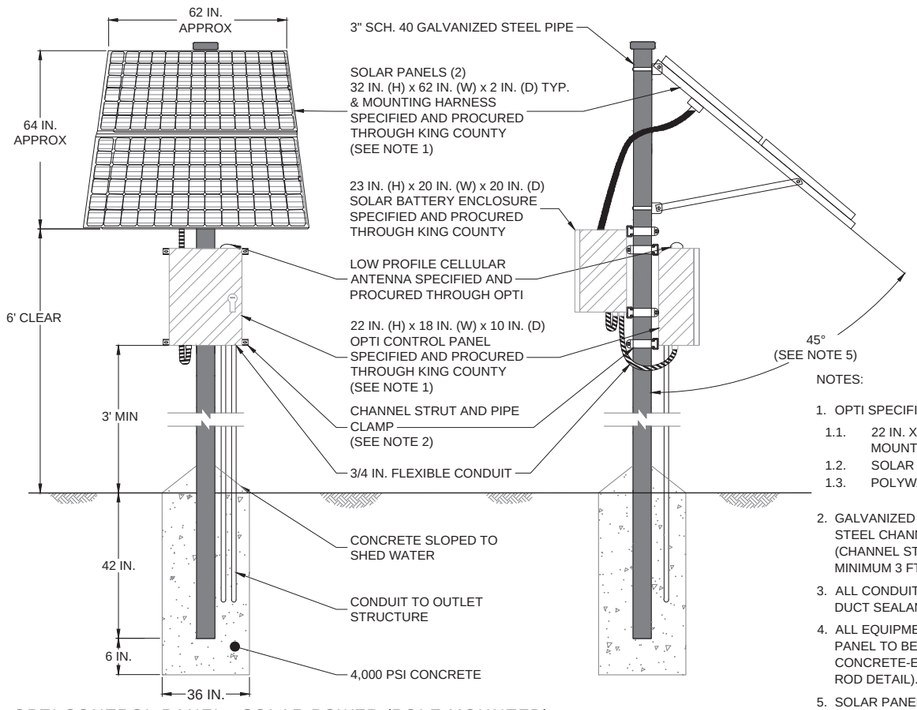
NOTES:

1. GROUNDING ROD TO BE MINIMUM COPPER COATED, 8 FT LENGTH, $\frac{3}{4}$ DIAMETER
2. GROUNDING ROD CLAMP TO BE BRONZE OR COPPER COATED AND SIZED FOR GROUNDING CABLE
3. GROUNDING CONDUCTOR TO BE SOLID COPPER, 12 AWG TO 2 AWG, AND SECURELY LANDED AT GROUNDING ROD CLAMP AND CONTROL PANEL GROUNDING LUG
4. ALL PENETRATIONS IN CONTROL PANEL TO BE 1P68 RATED
5. MAXIMUM 6 IN OF GROUNDING ROD EXPOSED ABOVE GROUND

GROUNDING ROD DETAIL

SCALE: NTS

3 / C2.01



NOTES:

1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. 22 IN. X 18 IN. X 10 IN. NEMA 4X CABINET WITH CELLULAR ANTENNA AND CHANNEL STRUT MOUNTING CLIPS
   - 1.2. SOLAR PANEL KIT AND MOUNTING HARNESS
   - 1.3. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)
2. GALVANIZED STEEL CHANNEL STRUT TO BE BOLTED TO SUPPORT POLE USING GALVANIZED STEEL CHANNEL STRUT PIPE CLAMPS. CONTROL PANEL TO BE BOLTED TO CHANNEL STRUT (CHANNEL STRUT MOUNTING CLIP SHIPPED WITH CONTROL PANEL). PANEL TO BE MOUNTED MINIMUM 3 FT. FROM GROUND.
3. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. SEE ELECTRICAL DIAGRAM FOR CABLE AND CONDUIT SPECIFICATION.
4. ALL EQUIPMENT TO BE GROUNDED TO CONTROL PANEL GROUNDING LUGS. OPTI CONTROL PANEL TO BE GROUNDED TO A GROUNDING ROD, GALVANIZED STEEL POLE, OR CONCRETE-ENCASED GROUNDING ELECTRODE. (SEE ELECTRICAL DIAGRAM AND GROUNDING ROD DETAIL).
5. SOLAR PANELS TO BE MOUNTED FACING SOUTH AT 45° FROM THE MOUNTING POLE.

OPTI CONTROL PANEL - SOLAR POWER (POLE MOUNTED)

SCALE: NTS

4 / C2.01

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA			
SURVEYED: AS BUILT			
SURVEY BASE MAP: NA			
CHECKED: NA			

NUM.	REVISION	BY	DATE
0	BID SET	CJW	8/10/22
NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:		
PROJECT MANAGER:	M. MCNAIR	
DESIGNED:	C. WEBB	7/8/22
CAD DESIGN:	C. WITZEL	7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER J. WEBB · STATE OF WASHINGTON · 35712 · REGISTERED PROFESSIONAL ENGINEER
22-0808

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

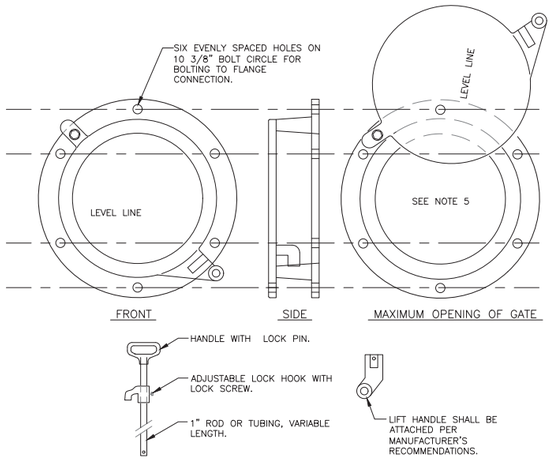
BEAR CREEK BASIC CMAC RETROFIT

DETAILS 2

SHEET 8 OF 10 SHEETS

C3.02

AUTHOR: CWebl
LAST EDITED: August 8, 2022
FILE: O:\proj\2020\20-07412-017\CAD\Sheet\Details.dwg



NOTES:

1. SHEAR GATE SHALL BE ALUMINUM ALLOY PER ASTM B-26-ZG-32a OR CAST IRON ASTM A48 CLASS 30B AS REQUIRED.
2. GATE SHALL BE 8 IN. DIAM. UNLESS OTHERWISE SPECIFIED.
3. GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
4. LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD.
5. GATE SHALL NOT OPEN BEYOND THE CLEAR OPENING BY LIMITED HINGE MOVEMENT, STOP TAB, OR SOME OTHER DEVICE.
6. NEOPRENE RUBBER GASKET REQUIRED BETWEEN RISER MOUNTING FLANGE AND GATE FLANGE.
7. MATING SURFACES OF LID AND BODY TO BE MACHINED FOR PROPER FIT.
8. FLANGE MOUNTING BOLTS SHALL BE 3/8 IN. DIAM. STAINLESS STEEL.
9. ALTERNATE CLEANOUT/SHEAR GATES TO THE DESIGN SHOWN ARE ACCEPTABLE, PROVIDED THEY MEET THE MATERIAL SPECIFICATIONS ABOVE AND HAVE A SIX BOLT, 10 3/8 IN. BOLT CIRCLE FOR BOLTING TO THE FLANGE CONNECTION.
10. SEE THE WSDOT/APWA STANDARD SPECIFICATIONS SECTION 9-05.15 FOR METAL CASTINGS REQUIREMENTS.

Department of Transportation
Road Services Division
2016 Design and
Construction Standards
King County

TEE SECTION SHEAR GATE DETAIL FIG. 7-026

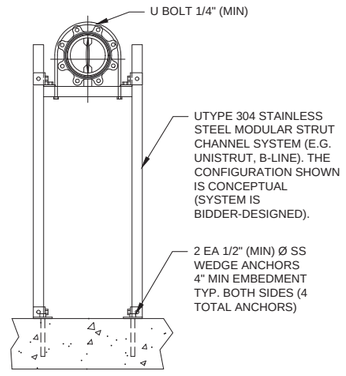
7-31

DETAIL - SHEAR GATE (PER KCRDCS DRAWING 7-026) 1 -

SCALE: NTS

NOTES:

1. VALVE SUPPORT SYSTEM SHALL BE BIDDER DESIGNED TO SUPPORT A MINIMUM LOAD OF 600# (MIN.) APPLIED AT THE CENTER SPAN OF THE HORIZONTAL MEMBER.
2. THE MANUFACTURING, DESIGN AND ASSEMBLY OF THE VALVE SUPPORT SYSTEM SHALL COMPLY WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS AND THE MANUFACTURER'S RECOMMENDATIONS.
3. CONTRACTOR TO ENSURE THE U-BOLT AND STRUT CHANNEL SYSTEM ARE COMPATIBLE WITH THE VALVE AND PROVIDE POSITIVE STRUCTURAL SUPPORT TO THE VALVE, STEM, AND CONTROL STRUCTURE.



DETAIL - VALVE SUPPORT 2 -

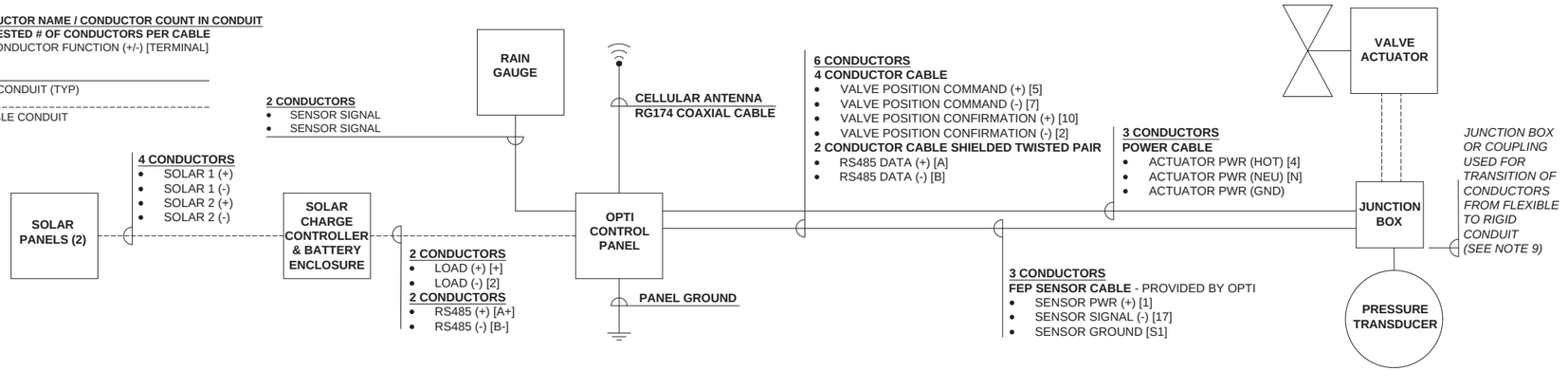
SCALE: NTS

KEY:

CONDUCTOR NAME / CONDUCTOR COUNT IN CONDUIT
SUGGESTED # OF CONDUCTORS PER CABLE
- CONDUCTOR FUNCTION (+/-) [TERMINAL]

RIGID CONDUIT (TYP)

FLEXIBLE CONDUIT



24VDC WIRING GUIDE - V 2.0.4				
CONTROL PANEL TERMINAL	EXTERNAL DEVICE TERMINAL	WIRE COLOR/CABLE LOCATION	PURPOSE	PROCURED BY
SOLAR LOAD CONNECTION				
+	L+	RED (+), LOAD WIRE FROM CHARGE CONTROLLER	SOLAR BATTERY POSITIVE (+) POWER	OPTI
2	L-	BLACK (-), LOAD WIRE FROM CHARGE CONTROLLER	SOLAR BATTERY NEGATIVE (-) POWER	OPTI
A+	A	2 CONDUCTOR CABLE, TWISTED PAIR	SOLAR CHARGE CONTROLLER DATA (+)	INSTALLER
B-	B	2 CONDUCTOR CABLE, TWISTED PAIR	SOLAR CHARGE CONTROLLER DATA (-)	INSTALLER
ACTUATOR - ROTORK IQT & IQD SERIES (IQT: 303M2000, IQD: 143M2000)				
4	1	3 CONDUCTOR CABLE	ACTUATOR POWER (+)	INSTALLER
2	2	3 CONDUCTOR CABLE	ACTUATOR POWER (-)	INSTALLER
GROUND LUG	GND SYMBOL	3 CONDUCTOR CABLE	ACTUATOR GROUND	INSTALLER
5	16	4 CONDUCTOR CABLE	VALVE POSITION COMMAND SIGNAL (+)	INSTALLER
7	17	4 CONDUCTOR CABLE	VALVE POSITION COMMAND SIGNAL (-)	INSTALLER
10	15	4 CONDUCTOR CABLE	VALVE POSITION CONFIRMATION SIGNAL (+)	INSTALLER
2	14	4 CONDUCTOR CABLE	VALVE POSITION CONFIRMATION SIGNAL (-)	INSTALLER
A +	27	2 CONDUCTOR CABLE, SHIELDED TWISTED PAIR	RS485 DATA (+)	INSTALLER
B -	28	2 CONDUCTOR CABLE, SHIELDED TWISTED PAIR	RS485 DATA (-)	INSTALLER
PRESSURE TRANSDUCER (4-20mA) - PMC VL2000 SERIES				
1	----------	RED (+), PMC	PRESSURE TRANSDUCER, POWER	OPTI
17	----------	BLACK (-), PMC	PRESSURE TRANSDUCER, SIGNAL	OPTI
S1	----------	GREEN (GND), PMC	PRESSURE TRANSDUCER, GROUNDING	OPTI
RAIN GAUGE - DAVIS				
16	----------	RED	RAIN GAUGE SWITCH	OTHER
20	----------	GREEN	RAIN GAUGE SWITCH	OTHER

ACTUATOR POWER CABLE AWG SPECIFICATIONS	
ROTORK IQT500	
WIRE GAUGE	MAX. LENGTH (FT)
8	147
10	92
12	58
14	37
16	23
18	14

MINIMUM CONDUIT SIZE SPECIFICATIONS	
NO. CONDUCTORS	MIN. CONDUIT SIZE (IN)
2	½
3 - 6	¾
7 - 9	1
10 - 12	1-¼

DETAIL - ELECTRICAL DIAGRAM (PROVIDED BY OPTI) 3 C2.01

SCALE: NTS

ELECTRICAL INSTALLATION NOTES

1. DETERMINE IF THERE ARE UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO EXCAVATION, BY CALLING DIG SAFE AT LEAST 48 HOURS PRIOR TO STARTING WORK. CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO UNDERGROUND UTILITIES CAUSED BY TRENCHING OR EXCAVATION.
2. INSTALLATION OF THE CONTROL PANEL AND ASSOCIATED COMPONENTS (E.G., CABLING, CONDUIT, SENSORS) MUST BE PERFORMED BY A LICENSED ELECTRICIAN. ELECTRICIAN SHALL BE RESPONSIBLE FOR ENSURING THAT THE CONTROL PANEL AND ASSOCIATED COMPONENTS ARE PROPERLY CONNECTED TO THE SOLAR POWER SYSTEM AND THAT CONDUIT AND CABLING IS SIZED AND INSTALLED PER THE NEC.
3. ALL CONDUCTORS SHALL BE IDENTIFIED AT EACH END (LABELED OR COLOR CODED) AND THE IDENTIFIED CONDUCTORS DOCUMENTED IN THE SITE LAYOUT MAP.
4. PENETRATIONS INTO CONTROL PANEL MUST BE IP68 RATED (NO WATER SHALL PENETRATE ANY SEALS). SUBSURFACE TERMINATIONS SHALL BE SEALED WITH POLYWATER CLOSED-CELL FOAM DUCT SEALANT (PROCURED THROUGH OPTI WITH CONTROL PANEL).
5. REFERENCE "ACTUATOR POWER CABLE AWG SPECIFICATIONS" TABLE FOR THE CORRECT CONDUCTOR GAUGE FOR ACTUATOR POWER CONNECTIONS. ALL OTHER CONDUCTORS MUST BE AT LEAST 16AWG.
6. ALL BURIED CONDUIT RUNS SHALL BE RIGID SCH 40 PVC CONDUIT. ALL EXPOSED CONDUIT SHALL BE RIGID SCH 40 PVC OR FLEXIBLE TYPE-UA PVC. BURIED RIGID SCHEDULE 40 CONDUIT SHALL BE INSTALLED WITH A MINIMUM COVER OF AT LEAST 18" IN ACCORDANCE WITH TABLE 300.5 OF THE NEC.
7. CONDUIT SHALL BE SIZED PER THE NEC TO HAVE AN ADEQUATE CROSS-SECTIONAL AREA FOR INSTALLED CABLES. REFERENCE OPTI PROVIDED TABLE FOR MINIMUM CONDUIT SIZE. ACTUATOR HAS ¾" PORTS FOR CONDUIT, USE REDUCING FITTING IF NEEDED.
8. LEAVE A MINIMUM OF 1 FOOT SPARE CABLING NEATLY COILED IN CONTROL PANEL FOR FUTURE MAINTENANCE OR SYSTEM MODIFICATIONS.
9. LEAVE A MINIMUM 3 FEET LOOP OF FLEXIBLE CONDUIT IN OUTLET STRUCTURE FOR EASE OF FUTURE MAINTENANCE. FLEXIBLE CONDUIT SHALL RUN FROM ACTUATOR TO JUNCTION BOX LOCATED IN OUTLET STRUCTURE. RIGID CONDUIT SHALL RUN FROM JUNCTION BOX TO OPTI CONTROL PANEL.
10. ALL SUBMERGED/SATURATED METAL HARDWARE SHALL BE STAINLESS STEEL. GALVANIZED STEEL MAY BE USED ABOVEGROUND OR IN DRY LOCATIONS.
11. PRESSURE REFERENCE DEVICE (COMPONENT OF LEVEL SENSOR AT CABLE TERMINATION) TO BE LOCATED IN OPTI CONTROL PANEL. USE LABELING SCHEME DICTATED ON ELECTRICAL SCHEDULE.
12. CONNECT ALL EQUIPMENT GROUNDING CONDUCTORS TO THE OPTI CONTROL PANEL GROUNDING LUGS. GROUND THE OPTI CONTROL PANEL TO A GROUNDING ROD, GALVANIZED STEEL POLE, OR A CONCRETE-ENCASED GROUNDING ELECTRODE.
13. AFTER INSTALLATION, COMPLETE CONTRACTOR INSTALLATION CHECKLIST PROVIDED BY OPTI AND PROVIDE PHOTOS OF ALL INSTALLED EQUIPMENT. SEND SIGNED CHECKLIST AND PHOTOS TO OPTI.
14. OPTI WILL INSPECT INSTALLED COMPONENTS PRIOR TO ENERGIZING THE SYSTEM. FINAL COMPLETION SHALL BE REACHED WHEN: (1) CONSTRUCTION OF THE SYSTEM PER THE PLANS IS COMPLETE; (2) THE ENGINEER OF RECORD HAS COMPLETED FINAL INSPECTION OF WORK AND ALL NOTED DEFICIENCIES HAVE BEEN CORRECTED TO THE SATISFACTION OF THE ENGINEER OF RECORD, OPTI, AND THE SITE OWNER; AND (3) AN AS-BUILT SKETCH HAS BEEN PROVIDED OF ALL INSTALLED COMPONENTS IF FINAL INSTALL LOCATIONS HAVE VARIED FROM PLANSET.
15. CONTRACTOR SHALL PROVIDE JUNCTION BOX 12" ABOVE GRADE WITHIN 15' OF THE CONTROL STRUCTURE.

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20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE
0	BID SET	CJW	8/10/22
NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER J. WEBB STATE OF WASHINGTON 35712 REGISTERED PROFESSIONAL ENGINEER
22-0808

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

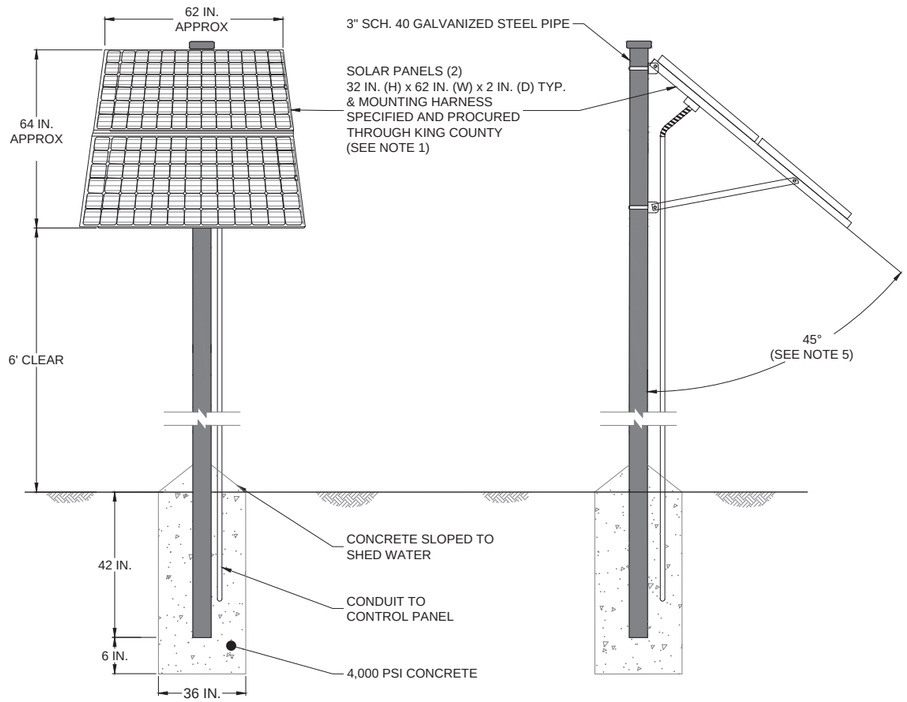
BEAR CREEK BASIC CMAC RETROFIT

DETAILS 3

SHEET 9 OF 10 SHEETS

C3.03

AUTHOR: CWebb
LAST EDITED: August 8, 2022
FILE: O:\proj\2020\20-07412\07\CADSheetDetails.dwg



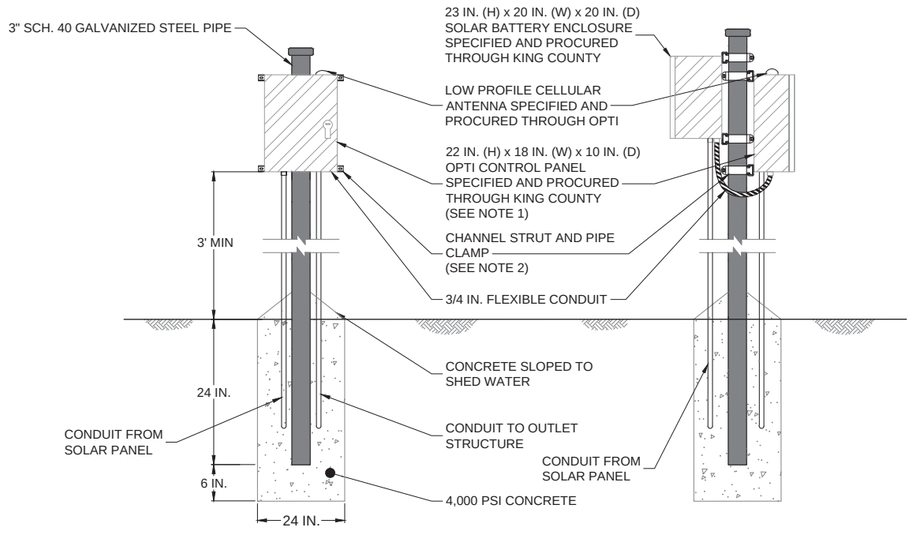
OPTI SOLAR PANEL (POLE MOUNTED)

SCALE: NTS

1
C2.02

SOLAR PANEL AND CONTROL PANEL INSTALLATION NOTES:

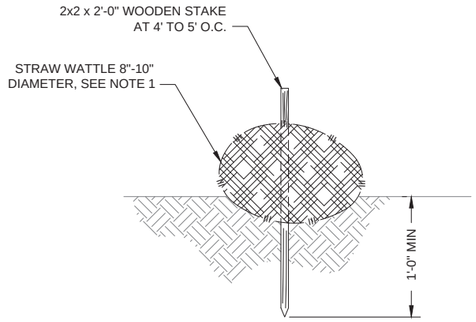
1. OPTI SPECIFIED EQUIPMENT (KING COUNTY WILL PROCURE AND PROVIDE TO CONTRACTOR):
   - 1.1. 22 IN. X 18 IN. X 10 IN. NEMA 4X CABINET WITH CELLULAR ANTENNA AND CHANNEL STRUT MOUNTING CLIPS
   - 1.2. SOLAR PANEL KIT AND MOUNTING HARNESS
   - 1.3. POLYWATER FOAM DUCT SEALANT (SENT WITH OPTI CONTROL PANEL)
2. GALVANIZED STEEL CHANNEL STRUT TO BE BOLTED TO SUPPORT POLE USING GALVANIZED STEEL CHANNEL STRUT PIPE CLAMPS. CONTROL PANEL TO BE BOLTED TO CHANNEL STRUT (CHANNEL STRUT MOUNTING CLIP SHIPPED WITH CONTROL PANEL). PANEL TO BE MOUNTED MINIMUM 3 FT. FROM GROUND.
3. ALL CONDUIT PENETRATIONS ARE TO BE IP68 RATED AND SEALED WITH POLYWATER FOAM DUCT SEALANT. SEE ELECTRICAL DIAGRAM FOR CABLE AND CONDUIT SPECIFICATION.
4. ALL EQUIPMENT TO BE GROUNDED TO CONTROL PANEL GROUNDING LUGS. OPTI CONTROL PANEL TO BE GROUNDED TO A GROUNDING ROD, GALVANIZED STEEL POLE, OR CONCRETE-ENCASED GROUNDING ELECTRODE. (SEE ELECTRICAL DIAGRAM AND GROUNDING ROD DETAIL).
5. SOLAR PANELS TO BE MOUNTED FACING SOUTH AT 45° FROM THE MOUNTING POLE.



OPTI CONTROL PANEL AND BATTERY (POLE MOUNTED)

SCALE: NTS

2
C2.02



STRAW WATTLE NOTES:

1. WATTLE SHALL BE PLACED AND SECURED IN A TRENCH 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
2. SPACING BETWEEN WATTLES DEPENDS ON SLOPE STEEPNESS, BUT TYPICAL SPACING IS 25'-50'.

DETAIL - STRAW WATTLE

SCALE: NTS

3
C2.01

HERRERA
20-07412-017

811 Know what's below. Call before you dig.
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

AUTHOR: CWhat
LAST EDITED: August 8, 2022
FILE: O:\proj\YY2020\20-07412-017\CAD\Sheet\Details.dwg

FIELD BOOK: NA
SURVEYED: AS BUILT
SURVEY BASE MAP: NA
CHECKED: NA

NUM.	REVISION	BY	DATE
0	BID SET	CJW	8/10/22
NUM.	RECORD CHANGES APPROVED	BY	DATE

APPROVED:
PROJECT MANAGER: M. MCNAIR
DESIGNED: C. WEBB 7/8/22
CAD DESIGN: C. WITZEL 7/8/22

PROJECT No. 1142274
CONTRACT No. E00674E20

CHRISTOPHER J. WEBB — STATE OF WASHINGTON — 35712 — REGISTERED PROFESSIONAL ENGINEER
22-0808

King County
Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
Capital Services Unit
Christie True, Director

BEAR CREEK BASIC CMAC RETROFIT

DETAILS 4

SHEET 10 OF 10 SHEETS

C3.04

Appendix B

Line Plots Showing Continuous Flow Data by Watershed

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Figure B-1. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the MONM Station.

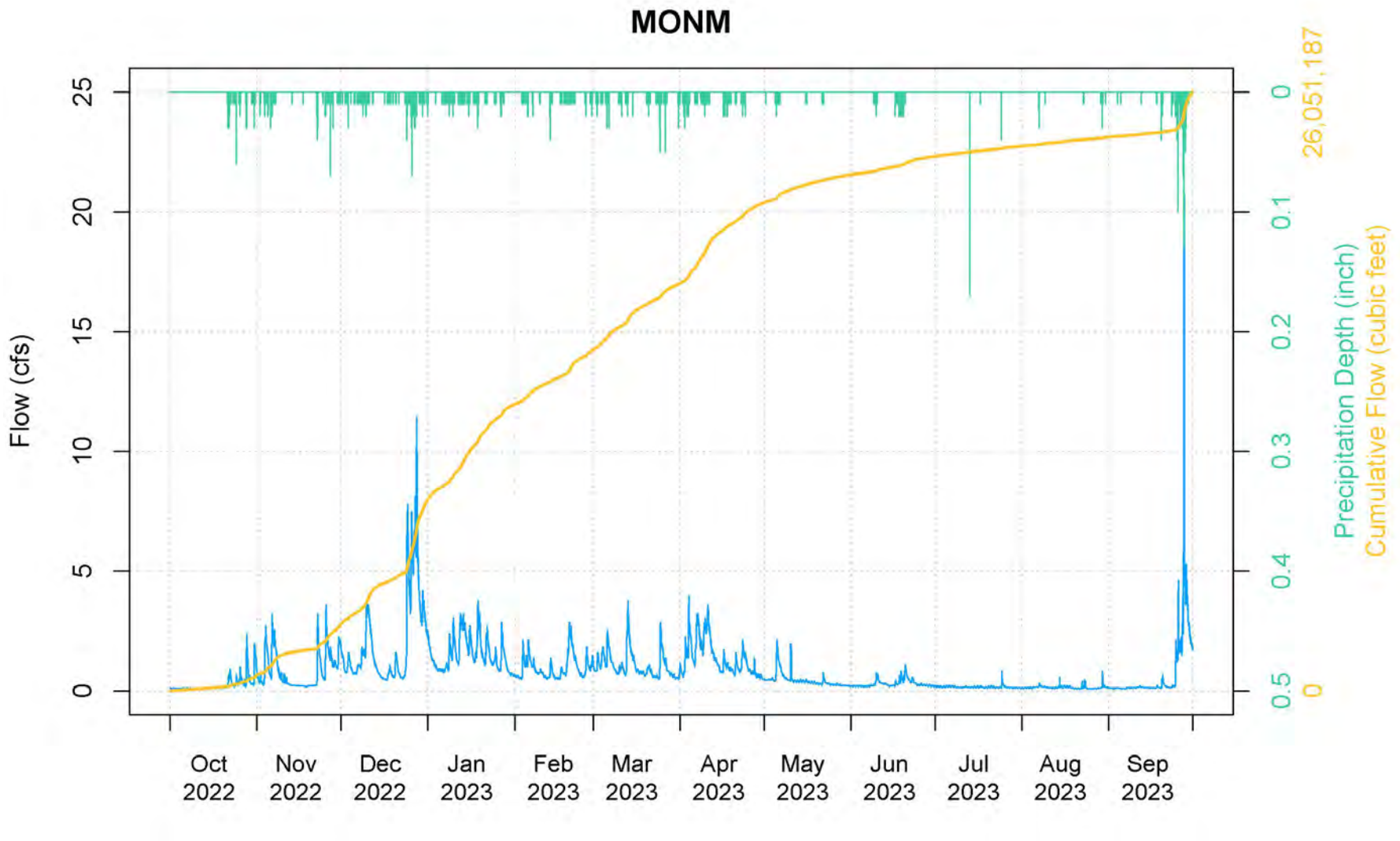


Figure B-2. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the MONMN Station.

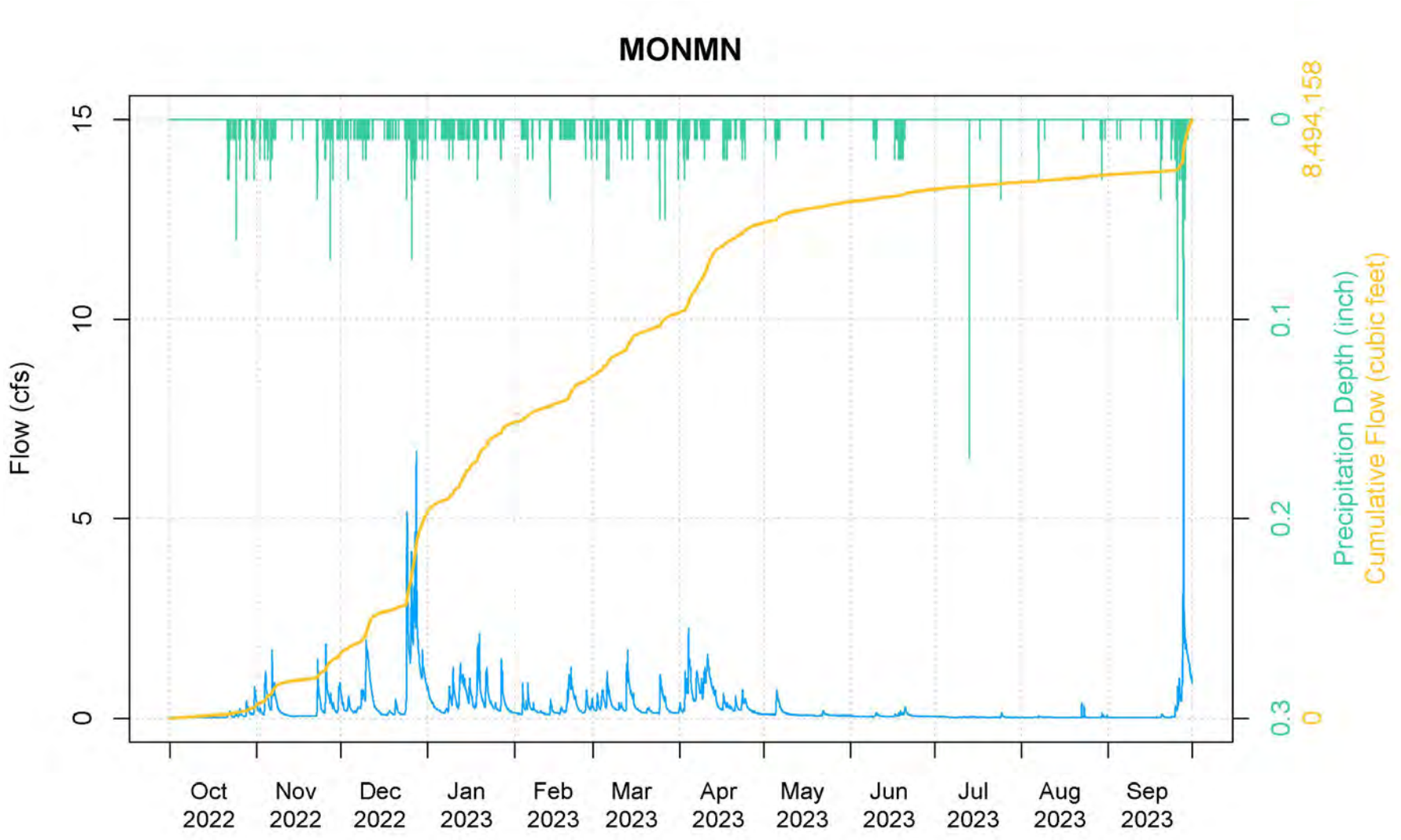


Figure B-3. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the MONMS Station.

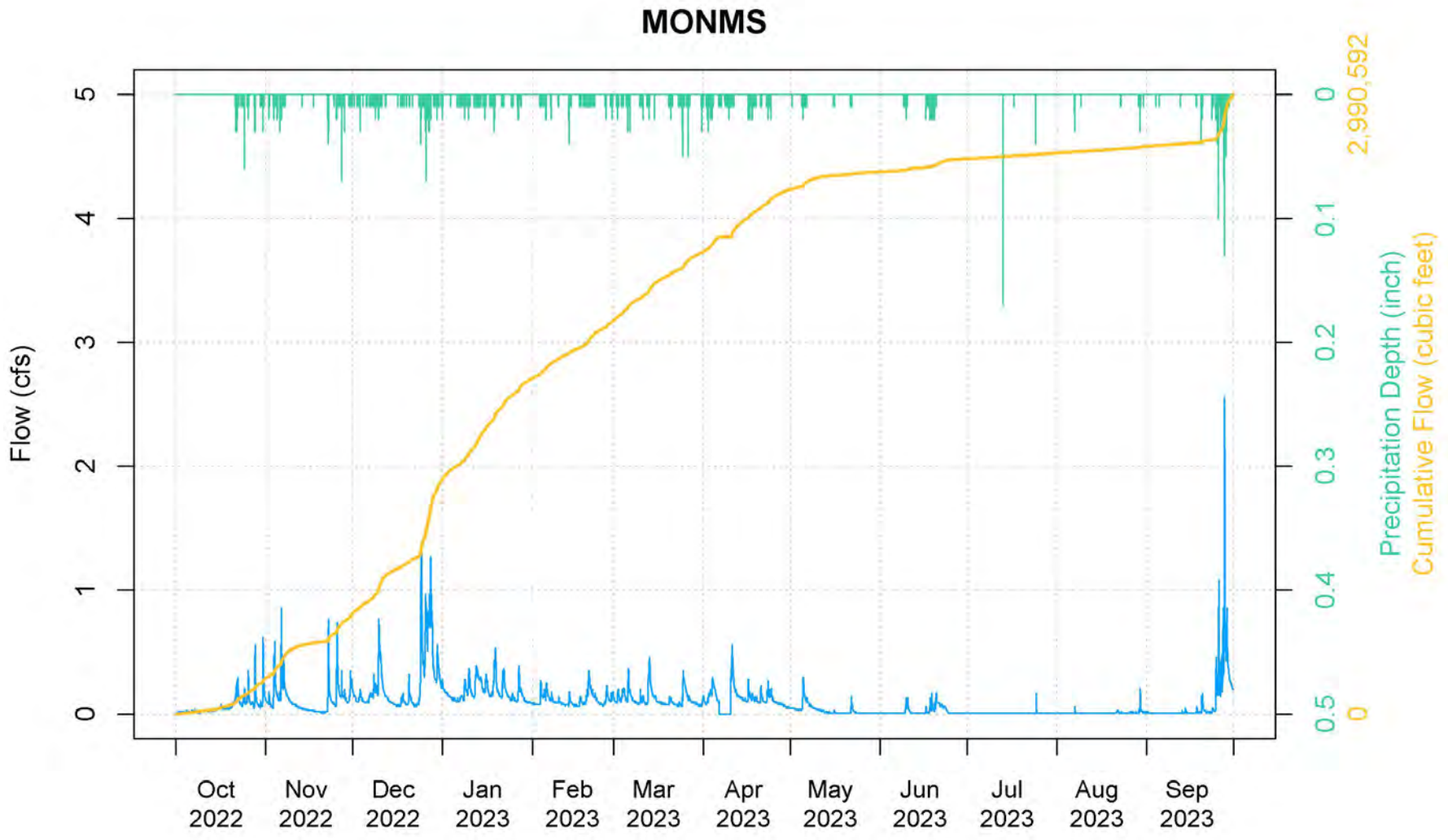


Figure B-4. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the TOSMO Station.

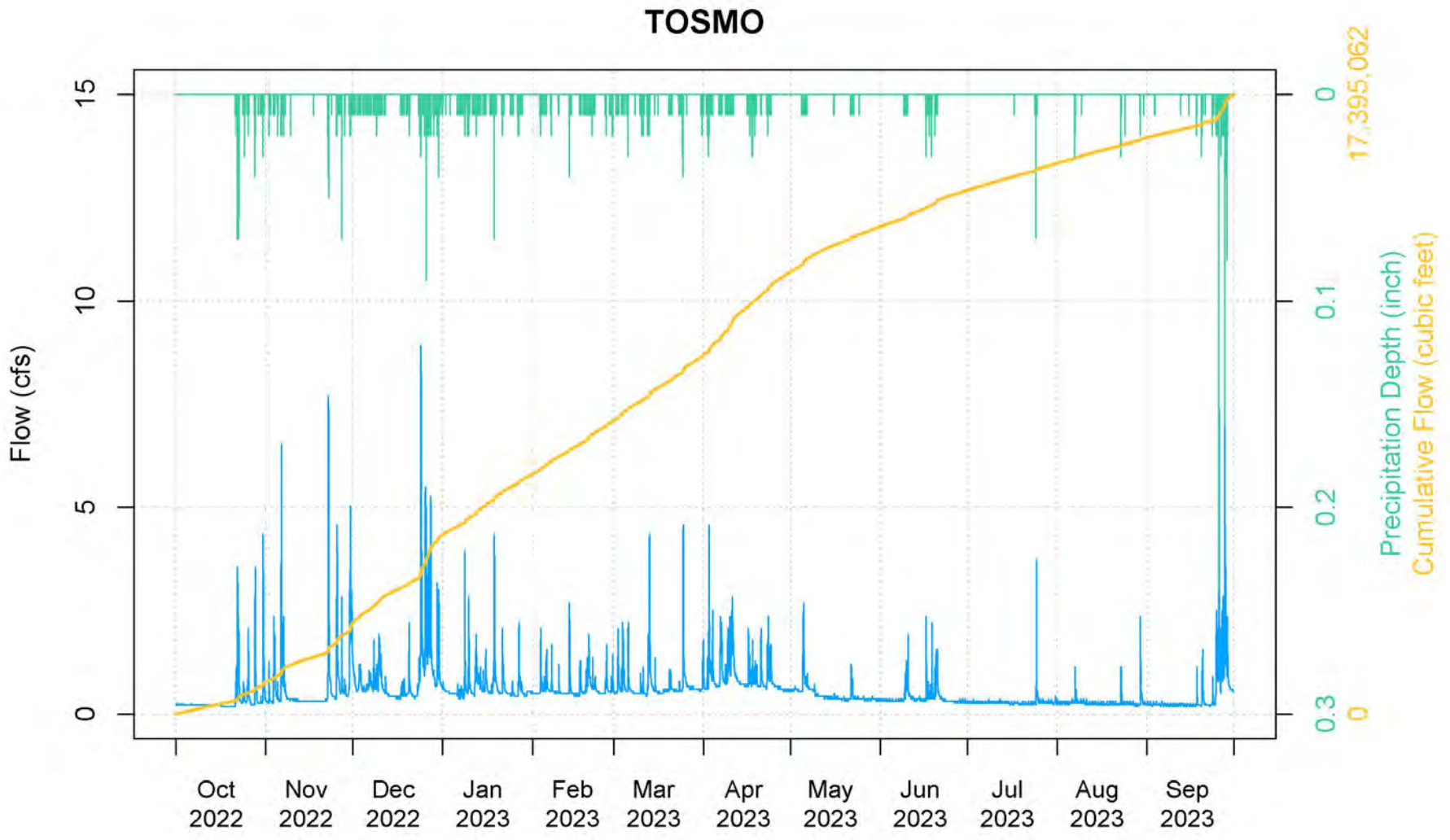


Figure B-5. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the TOSMI Station.

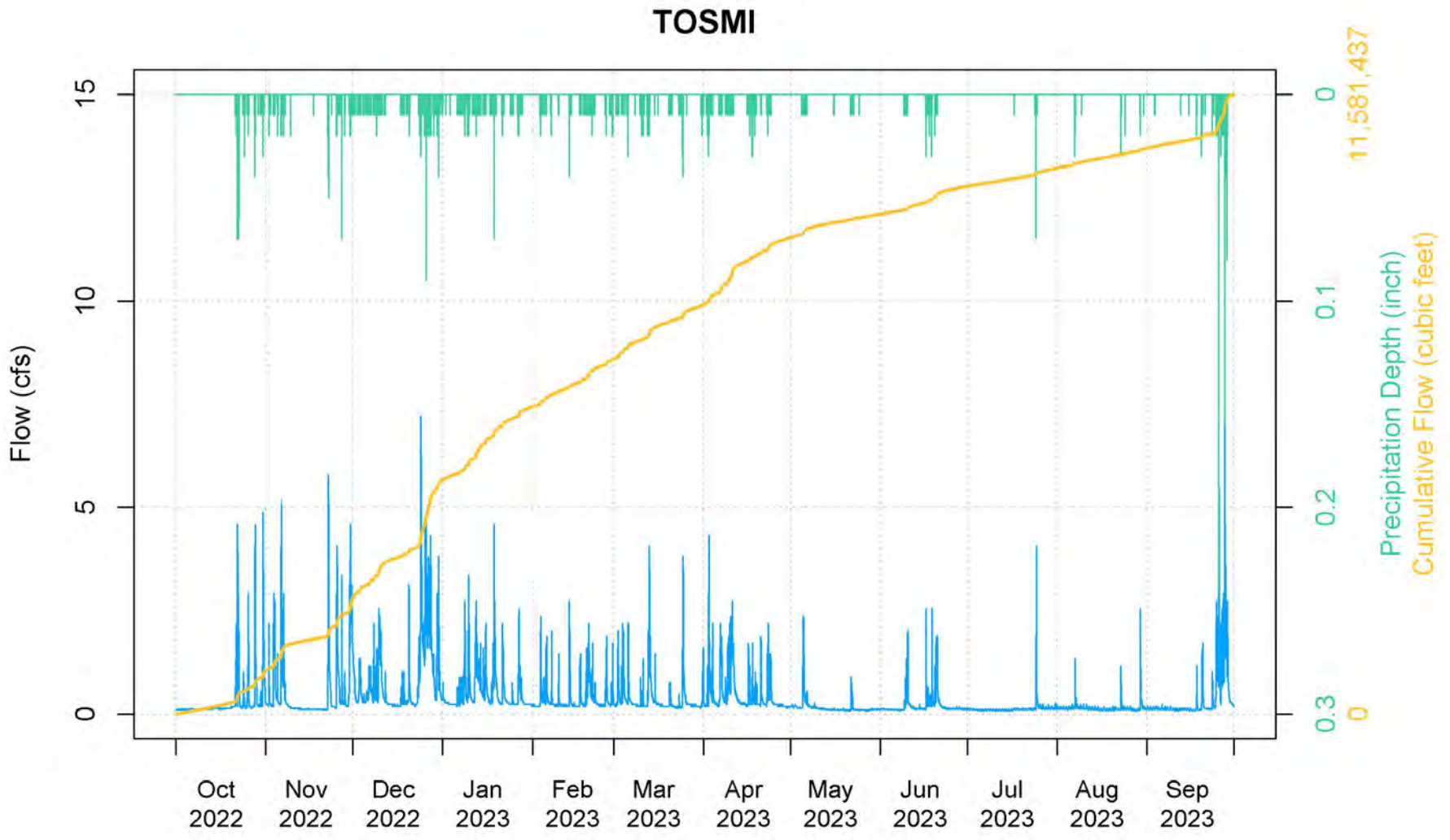


Figure B-6. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the COLM Station.

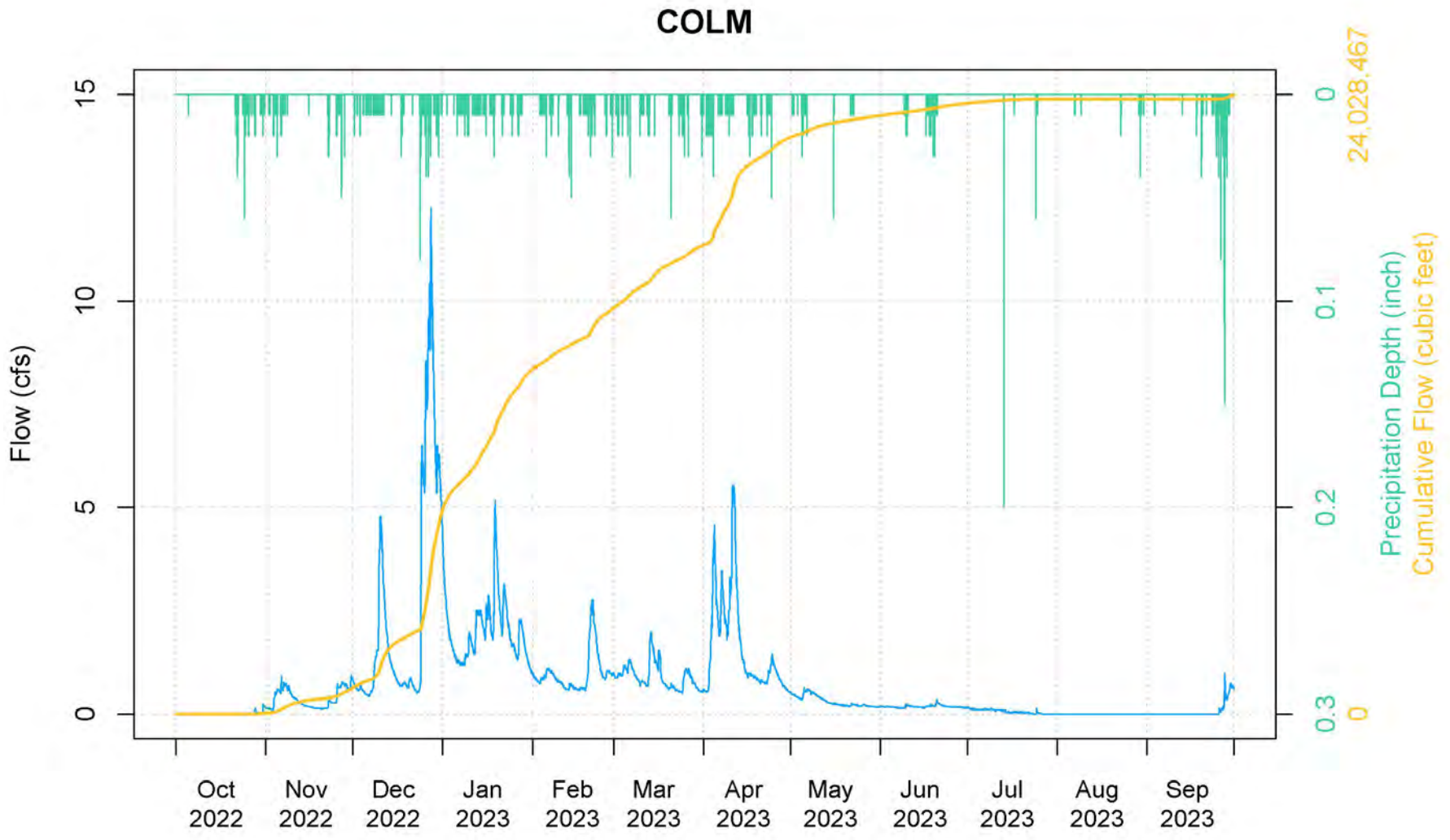


Figure B-7. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the SEIMN Station.

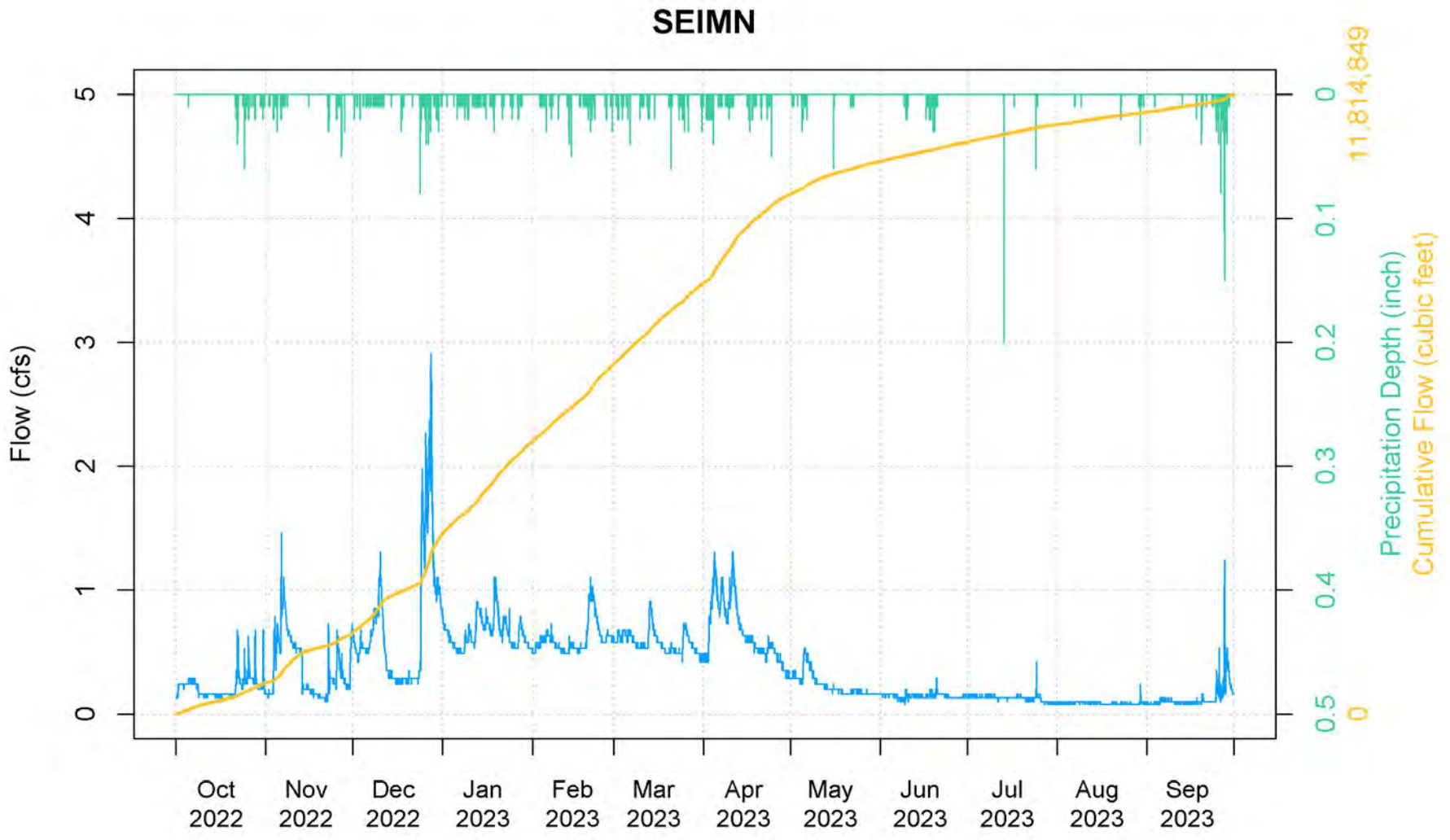


Figure B-8. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the SEIMS Station.

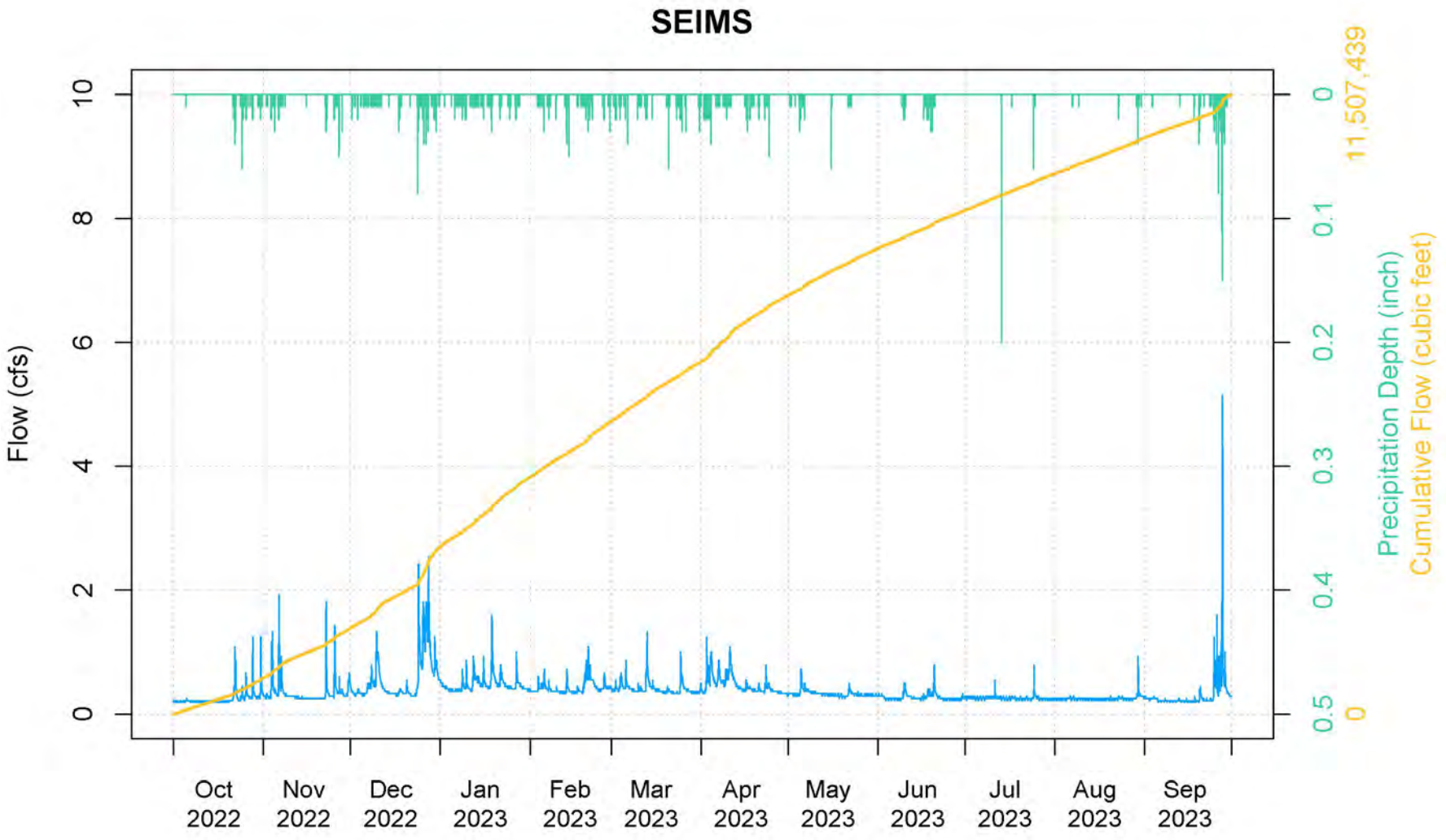


Figure B-9. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the COUMO Station.

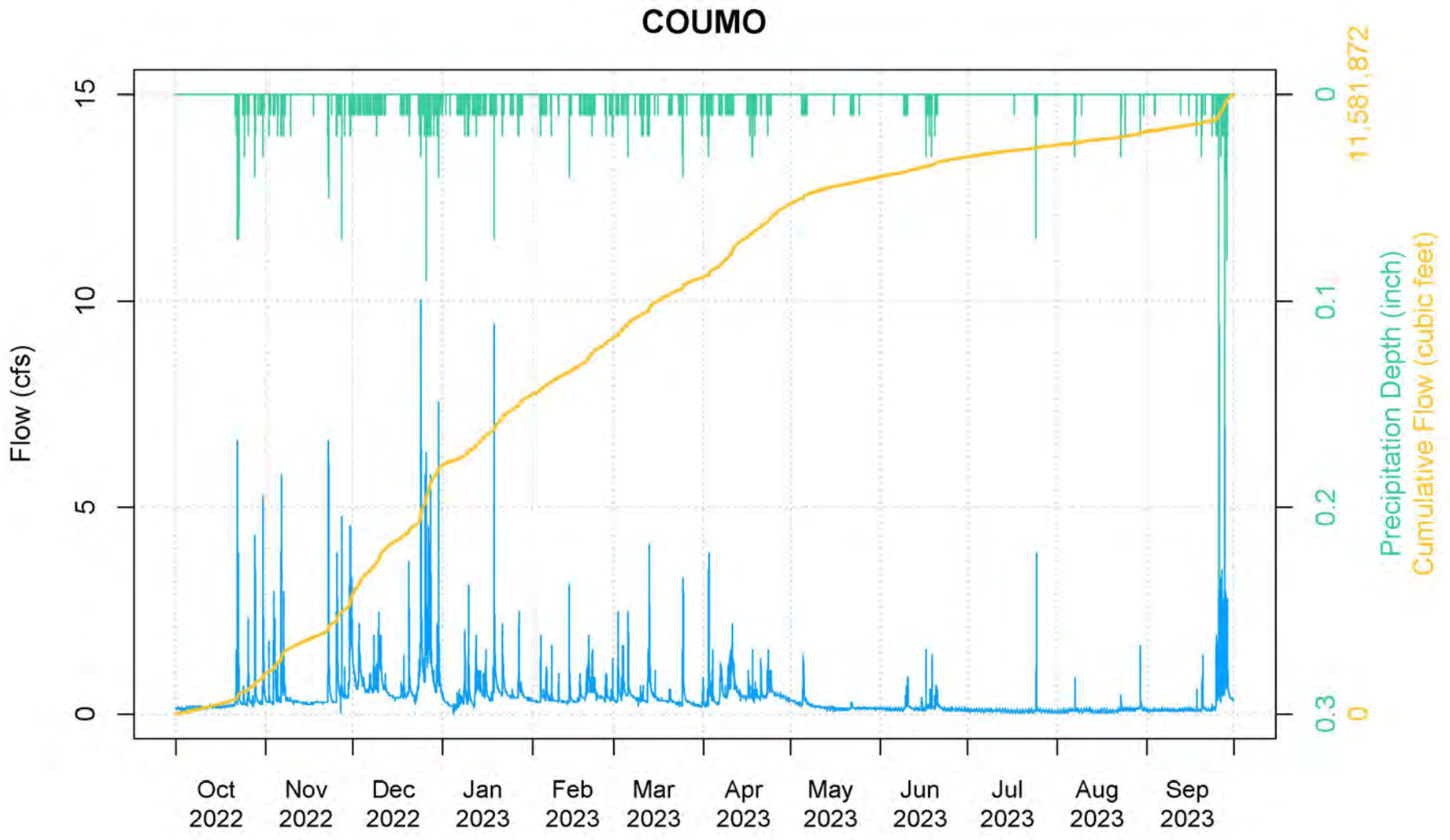


Figure B-10. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the COUMI Station.

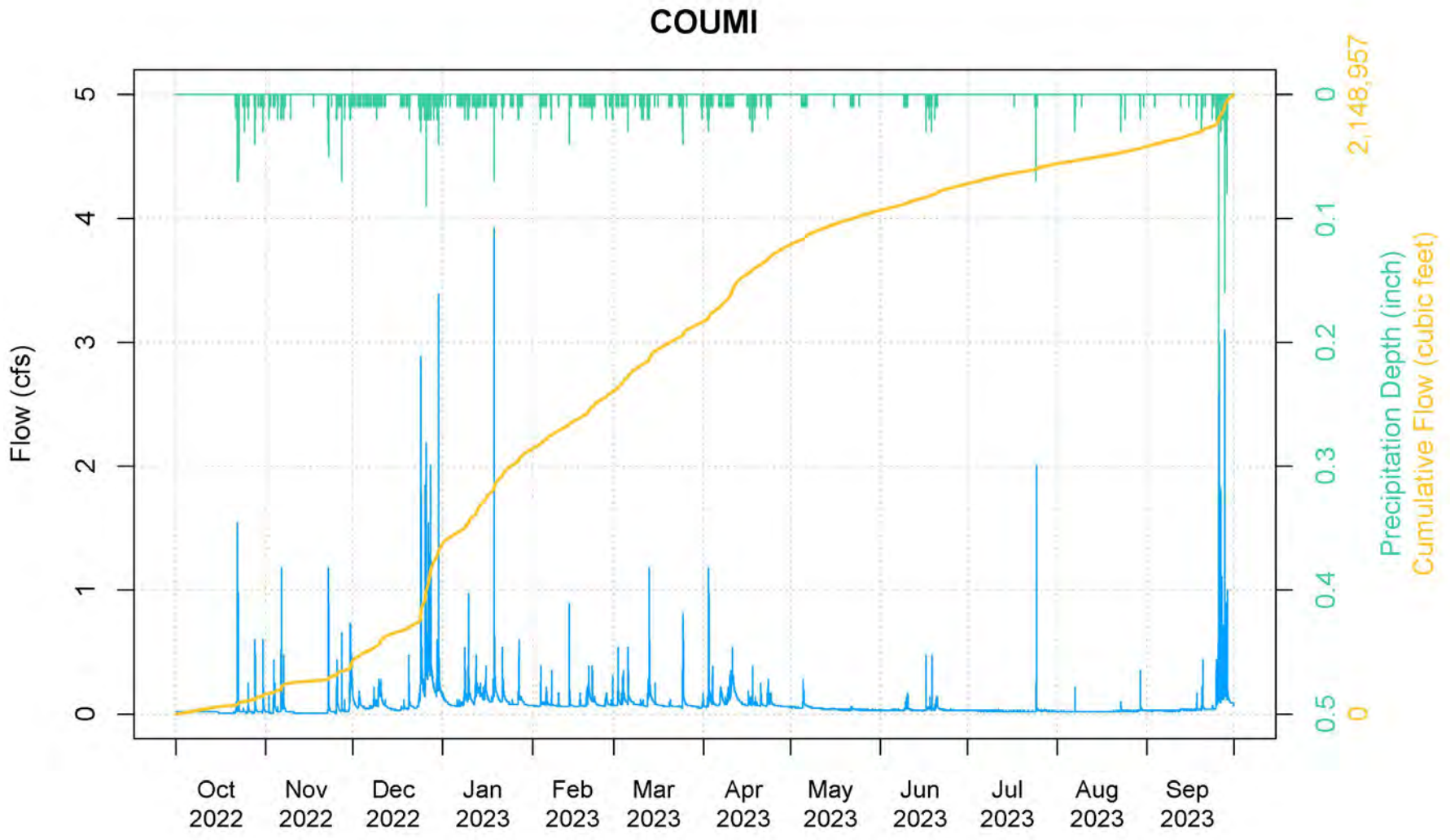


Figure B-11.Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the TYLMO Station.

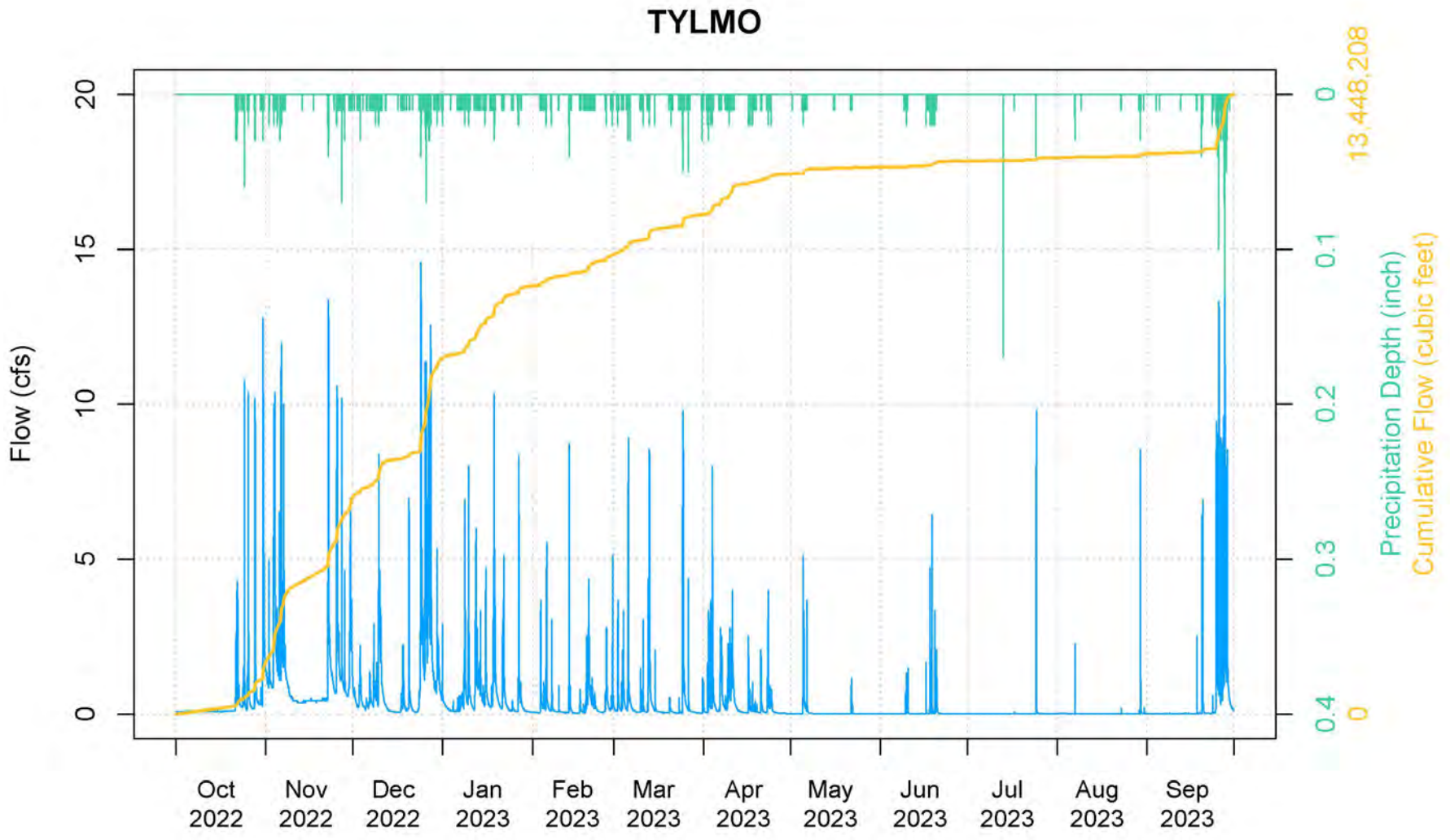
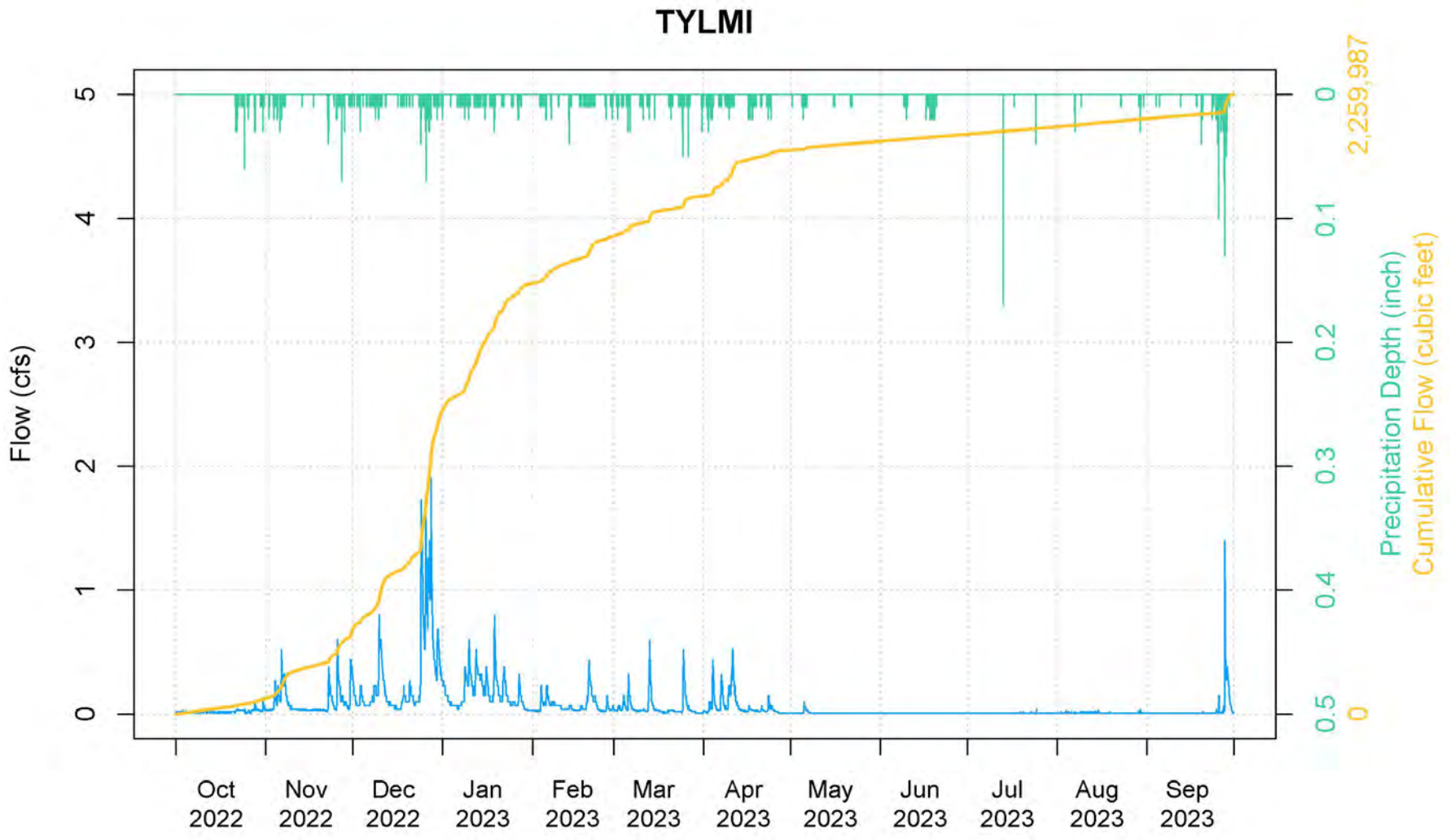


Figure B-12. Continuous Flow, Cumulative Flow, and Precipitation Depth Measured at the TYLMI Station.



Appendix C

Data Quality Assurance Review Memorandum for Hydrologic Monitoring

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Science + Planning + Design

Water and Land Resources Division
Department of Natural Resources and Parks
King Street Center
201 South Jackson Street, Suite 5600
Seattle, WA 98104-3855
206-477-4800 Fax 206-296-0192
TTY Relay: 711

TECHNICAL MEMORANDUM

January 11, 2024

TO: Dylan Ahearn, Principal Scientist, Herrera

FM: Kyle Bliss, Science and Technical Support Section, Water and Land Resources Division, Department of Natural Resources and Parks

RE: RPWS Hydrologic Data QA Memo

Introduction

This memo summarizes the results of the quality assurance review of hydrologic data collected by King County Department of Natural Resources (KCDNRP), Water and Land Resources Division (WLRD), Hydrologic Monitoring Program for the Redmond Paired Watershed Study (RPWS). The period of record covered under this memo begins at the 2023 water year (10/1/2022) and ends at end of the 2023 calendar year (12/31/2023).

Stream stage/discharge and water temperature were recorded at 12 sites for the study. Precipitation, air temperature, and barometric pressure were recorded at three sites. Instruments used to collect these parameters are listed in Table 1. See Figure 1 in Appendix A for station locations.

Table 1. Instruments used to measure continuous rainfall, water level (pressure), and water temperature for the RPWS from October 1, 2022 to December 31, 2023.

Parameter	Manufacturer	Model	Link
Rainfall	Hydrological Services America	TB6	https://www.hydrologicalusa.com/products/meteorology/tipping-bucket-rain-gauges/tb6-tipping-bucket-rain-gauge/
Pressure	Campbell Scientific	CS451	https://www.campbellsci.com/cs451
Pressure and temperature	Onset	U20	https://www.onsetcomp.com/products/data-loggers/u20-001-04/
Temperature	Campbell Scientific	109	https://www.campbellsci.com/109
Temperature	Onset	U22	https://www.onsetcomp.com/products/data-loggers/u22-001/
Temperature and conductivity	Onset	U24	https://www.onsetcomp.com/products/data-loggers/u24-001/

Quality Assurance Review of Data

Water Temperature

Continuous water temperature was generally measured with a Campbell Scientific 109UL temperature probe. Alternative instruments were used in situations where the primary 109UL malfunctioned, was buried, or went dry. Field observations of water temperature were made with a YSI Pro 30 handheld water quality instrument. If consistent differences were observed, shifts in the continuous temperature record were made to better match YSI observations. Table 2 summarizes information about water temperature data quality and data gaps.

Table 2. Notes on water temperature records for the RPWS from October 1, 2022 to December 31, 2023.

Site Code	Data Rated	Gaps*	Notes*
COLM	Good	10/1/2022 - 10/25/2022 and 7/26/2023 - 9/25/2023	Channel Dry
COUMI	Good	None	
COUMO	Good	None	
MONMN	Good	None	
MONMO	Good	None	
MONMS	Fair	4/6/2023 - 4/10/2023	Sensor failure
SEIMN	Good	None	
SEIMS	Good	None	
TOSMI	Good	None	
TOSMO	Good	None	
TYLMI	Good	None	
TYLMO	Good	None	
* All times listed are in Pacific Daylight Savings Time (GMT - 07:00)			

Precipitation

Precipitation was measured using Hydrological Services TB6 tipping bucket rain gages. Rain gages were visited throughout the year (generally four times per year, seasonally) to ensure that they were free of debris and functionally correctly and their calibration checked (at least once per year). At the end of the calendar year, 5-minute rainfall data was compared to adjacent rain gages in the King County network to assess variability in the timing and magnitude of precipitation.

Precipitation falling as snow or hail was recorded at the time of melting (as opposed to at the time of falling) as the cones of the tipping bucket rain gages in this study were unheated.

See Table 3 below for comment on data quality and gaps in specific precipitation data. See Figure B in Appendix A for comparison to adjacent rain gages.

Table 3. Precipitation data recorded for the RPWS from October 1, 2022 to December 31, 2023.

Site	Data Quality	Missing Data
RG_02vn (Trilogy)	Good record	No gaps
RG_EVA	Good record	No gaps
RG_MON	Good record	No gaps
RG_TOS	Fair record	-Gap from 10/22/2022 to 11/9/2022 due to datalogger failure: Data filled from RG_MARY -Gage clogged from 11/2/2023 to 12/5/2023: Data filled from RG_MARY

Discharge

Continuous stream discharge was calculated for each stream gage using a multi-step process. First, water level (stage) at the stream gage was measured continuously using a Campbell Scientific CS451 vented pressure transducer. This continuous stage record was then converted to volumetric stream discharge using a rating curve developed through a series of simultaneous measurements of stage and discharge. Discharge measurements in the field were taken using the velocity-area method (Herschy 1993), with a HACH FH950 velocity meter.

After ratings were established, small shifts were applied to the rating to account for small changes to the stage/discharge relationship. In the event of a dramatic change to the stage/discharge relationship, new ratings were developed through additional field measurements.

QA Review Methods

While all 12 project discharge gages were updated via telemetry, ultimately the final continuous hydrologic data was input into the King County Hydrologic database with a supervised process using a desktop computer application. The technician worked from a plot (printed chart created in a spreadsheet) of the continuous values for a set period, usually four to eight weeks and bracketed by field observations. For discharge data, the water level corrections, rating table and

shifts used were noted on the plot, along with explanatory notes. The plot was stored in the project file for the gage along with field notes and other materials. Rating curve development and gage problem solving occurred in a collegial environment with the team staff. Recorded data and field measurements were reviewed throughout the year to identify problems and target necessary measurements.

Annual review of the water year was performed after the final supervised workup. Data are typically reviewed by a different team member than who performed the initial workup, but due to time and staffing constraints, review of discharge data was performed by the field technician. A spreadsheet template was used with daily mean, max and min values, rainfall, comparison gages, field observations, and a QC checklist to structure the review. The review process is described in the STREAM GAGE DATA WORKUP QA/QC section in Appendix B.

RPWS 10/1/2022 to 12/31/2023

Rainfall totals were below average at the NOVH rain gage (by water year, data from 2000-2024) in the Redmond, WA area due to a relatively dry spring and summer, although there was some catch up at the end to the water year (see Figure 1).

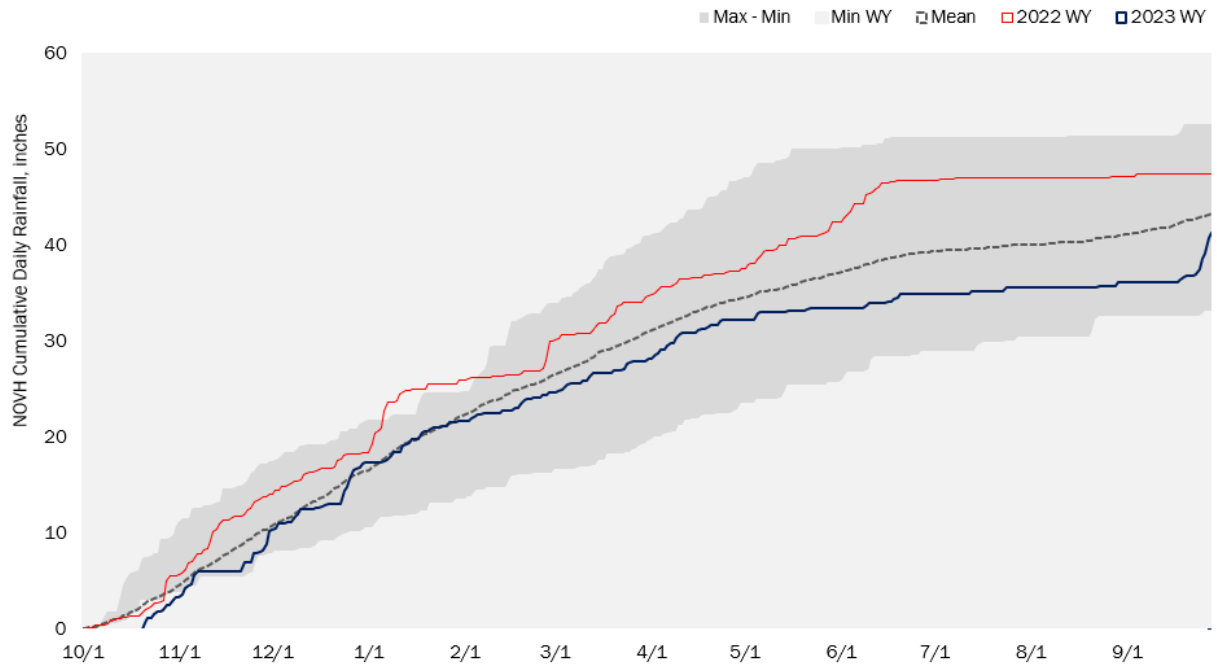

Figure 1. Cumulative rainfall at NOVH rain gage (in Redmond, WA) by water year (10/1 to 9/30). Includes data from 2000 to 2024. 2022 and 2023 water years are shown in red and blue, respectively. Average cumulative rainfall is shown in a gray dashed line. The range between the wettest and driest water years is shaded in dark gray.

The ten largest rainfall events over a 24-hour period between 10/1/2022 and 12/31/2023 are presented in Table 4 below. The largest event totaled 2.99" on 12/5/2023 which is 0.3" below the approximate 25- year 24-hour precipitation total for the Redmond area (King County 2021).

Table 4. The ten largest 24-hour rainfall totals recorded at the Monticello rain gage (RG_MON) from October 1, 2022, to December 31, 2023.

Ending Date	24-hr. total (in)
05-Dec-23	2.99
28-Sep-23	2.06
24-Dec-22	1.71
25-Sep-23	1.55
27-Dec-22	1.17
04-Nov-23	1.06
02-Nov-23	1.03
23-Nov-22	1.02
04-Nov-22	0.96
26-Dec-22	0.96

Missing Data

Missing 5-minute discharge data may be the result of technical issues with the gage (e.g., power failure, sensor failure) or dramatic changes to the stage/discharge relationship that cannot be accounted for with an adjustment to the discharge rating curve. In the case of technical issues, 15-minute data from non-vented U20 pressure transducers were used to fill gaps where possible. See Table 5 below for a summary of missing discharge data by station.

Table 5. Periods of missing discharge data for the RPWS from October 1, 2022, to December 31, 2023.

Site	Notes*
COLM	▪Periods of no flow 10/1/2022 - 10/25/2022 and 7/26/2023 - 9/25/2023
COUMO	None
MONMN	None
MONMO	None
MONMS	▪Gap 4/6/2023 - 4/10/2023 due to sensor malfunction
SEIMN	None
SEIMS	None
TOSMI	None
TOSMO	None
TYLMI	None
TYLMO	None

* All times listed are in Pacific Daylight Savings Time (GMT – 07:00)

Uncertain Data

Given the indirect nature of discharge data development, there are many sources of uncertainty in this process, including:

- inaccuracy of field measurements of stage and discharge
- inaccuracy of continuous stage measurements
- a rating table that poorly represents the stage/discharge relationship at the full range of stream discharge that a given stream conveys in a given time period
- changes to the stage/discharge relationship, including:
    - scour and/or fill of the stream bed during storm events
    - vegetation growth on banks or in channel
    - debris accumulating in the section of the stream channel that controls water level at the stream gage

The most common cause of uncertain flow data was instability of section controls (i.e., objects in a stream channel that control the water level at the stream gage) for stations with non-engineered hydraulics. These stations include COUMI, EVAMS, MONMN, and TYLMI. See Table 6 for a summary of data uncertainties.

Table 6. Summary of data with notable uncertainty for the RPWS from October 1, 2022, to December 31, 2023.

Site	Notes*
COLM	▪None
COUMI	▪None
COUMO	▪ Some uncertainty around events due to control instability.
MONMN	▪Some uncertainty around largest storm flows.
MONMO	▪Peak flows seem relatively low.
MONMS	▪Control stable but manual measurements difficult due to vegetation.
SEIMN	▪Drop in record 11/13/2022 left in as not attributable to staff visit. Discharge values leading up to that may be high.
SEIMS	▪None
TOSMI	▪ Control eroded in 12/5/23 event, confirmed shift with manual measurement afterward. Will need adjust rating.
TOSMO	▪None
TYLMI	▪ Section control is very wide creating poor resolution in low end of ratings. Poor relationship between baseflows at TYLMI and TYLMO noted in past improving but will continue to monitor.
TYLMO	▪Discharge totals suspect, likely due to control aggradation and/or stilling well infill. Site maintenance planned for 2024.

* All times listed are in Pacific Daylight Savings Time (GMT – 07:00)

Data Rating

Continuous discharge data from each station was given a rating, from poor to good, for the period beginning on October 1, 2022, and ending on December 31, 2023. See Table 7 for a summary of data quality ratings. Good data had a complete record through the period, a good number (8 – 10) of field observations at both low and high discharge conditions, and a consistent stage/discharge relationship due to a very stable or engineered control. Poor data were usually characterized a very unstable control that caused numerous rating shifts to accommodate. Extended periods where debris such as leaves, algae, or wood accumulated on controls also negatively affected the data rating as did the lack of a recent high flow or summer low flow measurement (see Table C in Appendix A for a table comparing measured vs. calculated discharge values for each station).

Table 7. Summary of discharge data quality rating from October 1, 2022, to December 31, 2023.

Site	Notes
COLM	**Fair to good record**. Channel relatively stable. Mostly small rating shifts to match flow measurements.
COUMI	**Fair to good record** New rating created after scour event last water year.
COUMO	**Fair record**. Moderate rating shifts to account for changes to section control. Some scour/fill apparent.
MONMN	**Fair record.** Good coverage of rating with flow measurements but some channel instability, especially around large storm flows.
MONMO	**Good record.** Engineered control is stable and clear of debris.
MONMS	**Good record.** Engineered control with little debris.
SEIMN	**Fair Record**. Gravel frequently builds up on weir - Rating good when weir ramp clear of gravel however moderate (but consistent) shifts needed to correct when buildup occurs.
SEIMS	**Good Record.** Engineered control is stable, very little debris buildup. Some question of rating at higher flows near or above control.
TOSMI	**Fair to good record**. Rating will need to be adjusted in 2024 due to scour event 12/5/2023. Relationship between TOSMI and TOSMO still appears questionable at times. Reach at least appears to be losing water in certain conditions.
TOSMO	**Good record.** Stable, engineered control. Minimal debris in weir.
TYLMI	**Record fair to good**. Section control unstable and prone to debris.
TYLMO	**Fair record.** Good coverage with flow measurements however site maintenance needed in 2024.

REFERENCES

Herschy, R.W. 1993. The velocity–area method, Flow Meas. Instrum., 4(1), 7–10.

King County. 2021. King County Surface Water Design Manual. King County Department of Natural Resources and Parks. Seattle, WA.

APPENDIX A: ADDITIONAL TABLES AND FIGURES

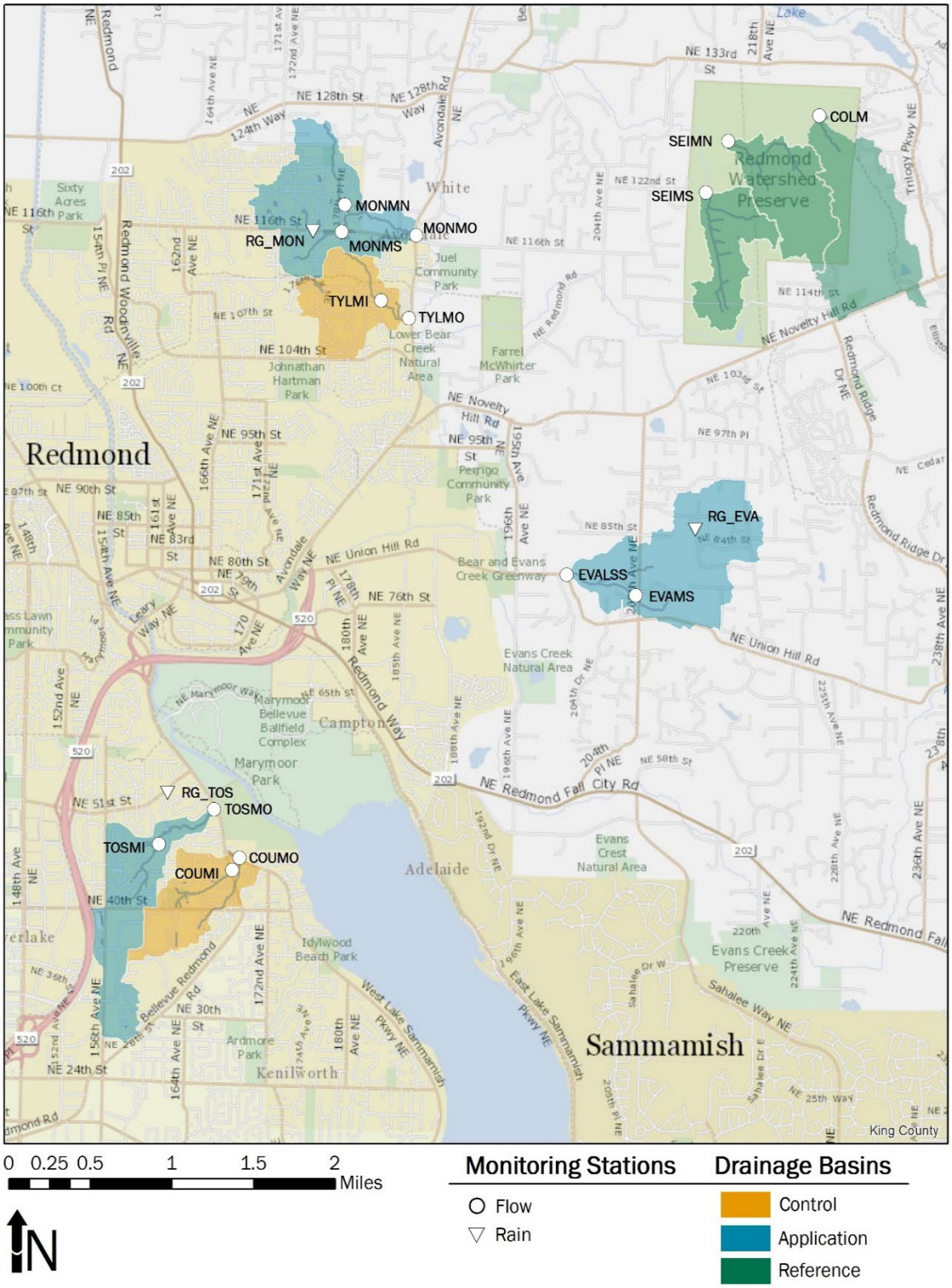

Figure A. Map of RPWS hydrologic monitoring sites.

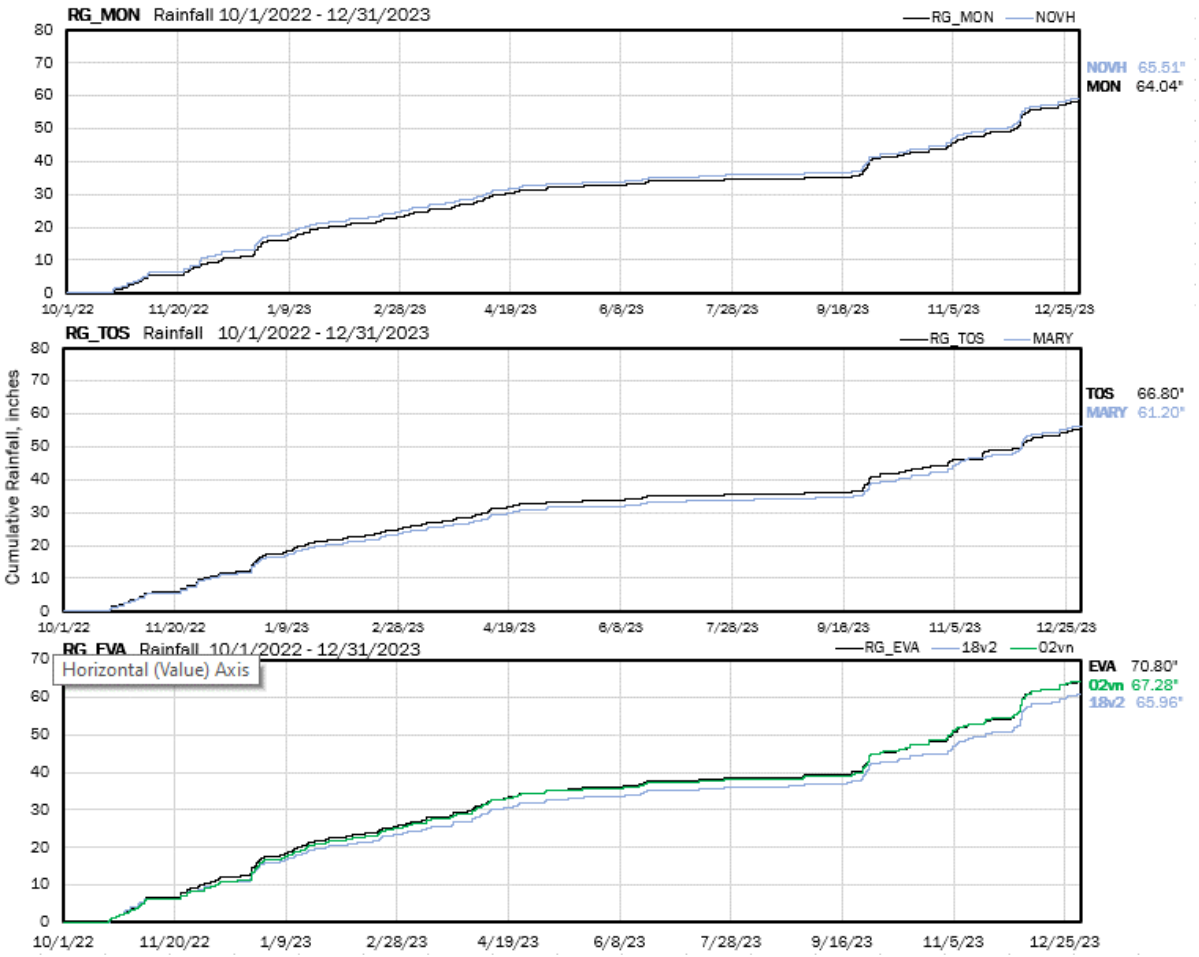

Figure B. Comparison of RPWS rain gages to nearby rain gages in King County's hydrologic monitoring program.

Site	Max Discharge Measurement	Max Discharge Measurement	Max Discharge Record in Session
	10/1/2022 - 1/5/2024*	9/1/2015 - 2/6/2023**	10/1/2022 - 12/31/2023
	cubic feet per second (cfs)		
COLM	23.1	23.1	27.4
COUMI	3.2	5.7	4.4
COUMO	9.5	15.4	15.7
MONMN	10.9	16.3	12.8
MONMO	24.8	28.3	27.7
MONMS	3.3	3.6	3.9
SEIMN	4.9	6.3	9.4
SEIMS	2.5	8.6	6.2
TOSMI	10.2	13.8	11.7
TOSMO	10.6	14.0	14.2
TYLMI	2.6	4.7	2.9
TYLMO	12.4	12.4	16.9

* time period where flow measurements were taken to develop ratings used to develop data from 10/1/2022 to 12/31/2023
**length of time from start of RPWS project to most recent measurements

Table C. Table of maximum discharge measurements (for differing time periods) and maximum calculated discharge record. Maximum calculated discharge record in session values is highlighted in yellow if they are more than two times the maximum volume measured in the field during the time period used to develop the current stage/discharge ratings and highlighted in red if the values is double the volume ever measured in the field during the entirety of the RPWS project. Note that SEIMN and SEIMS both have engineered controls and older high flow measurements are still valuable.

APPENDIX B: STREAM GAGE DATA WORKUP QA/QC DESCRIPTION

A streamflow data workup should be checked by another technician before approving the data for publication. This is not a rote process or simple checklist. It requires an understanding of the basic elements of a data workup as well as a questioning attitude. The check can go quickly if the person doing the original workup has taken good notes, kept the file in good order, made the necessary graphs and reports, and did not make any mistakes. The QA/QC check should be performed by someone other than the person who did the original workup. This ensures that we get a realistic assessment of the coherence and legibility of the workup and documentation. We want to be able to return to the file at a later date and figure out how the flow data were derived from the primary data. We also want to make sure that the data make sense and contain no errors. Of course we will never know if our flow data are accurate, but we can know that they are the best numbers possible if rating tables are well developed and the rating properly applied to a carefully corrected stage record. The following steps are outlined in the order they should occur.

Three Objectives

1. Well documented work, so in the future we can figure out what was done and why. If the file and notes are a mess and don't make sense, you give it back and tell them to get it together.
2. Careful work, i.e., no stupid or gross mistakes. No gaps, no big jumps in discharge when there shouldn't be, flow in data table matches the discharge measurement made at that time, sensor garbage is cleaned up. Stupid mistake example: the flow record changes 15% in one log between sessions because the initial sensor correction was set incorrectly.
3. Technically defensible work, no errors in judgment. Rating curves make sense, stage corrections are reasonable, rating shifts applied appropriately, estimated periods make sense.

QA/QC steps to checking flow records

Documentation

There may be some minor problems with the file organization that did not affect the workup quality. These the checker can fix. Make sure that:

- The paper file is organized correctly
- There is a workup cover sheet with session-by-session notes
- Workup charts are all there and gaps noted, workup detail is written on the chart
- Discharge Measurement Summary form is up to date
- Flows are correctly plotted on rating curve
- Data input files are stored correctly
- Water year QA spreadsheet is complete (use StreamGage_WaterYear_Report.xlsx template). Charts titles should be correct, rain gage and comparison gage data included, also any continuous water temperature or other water quality data if applicable.

Look for mistakes

- Is water year complete? Complete 15-minute years have 35,040 records, leap years 35,136 (5 minute have 105,120). Missing data will reduce that number. The logs for the year are displayed on the workup screen. Also, missing data will be held with asterisks in the 15-minute report. Dump the report into excel and sort by value.
- Compare the graph of the daily mean and max flow to that of an equivalent gage. You're looking at the timing and relative magnitude of peaks and low flow periods.
- Examine daily mean and min flows chart. You're looking for periods where the flow drops unrealistically, usually due to sensor problems, a negative value, or a mistaken filled value.
- Check the data table at date and time of discharge measurements. The record should match the flow or there should be a good reason why in the notes.
- Check the plotting of each flow measurement on the rating curve. Sometimes the offset is incorrectly added or it's just put in the wrong place. It can look right and be wrong, so check.
- Give flow measurements a once over to make sure they are sensible, V*A = Q, the calculated width seems right given the start and end of the cross section. Pay special attention to high flow measurements or any flow that shifts off the normal rating.
- Does the flow record connect well? No unjustified jumps in the discharge between sessions, stage corrections or other events.
- Are estimate periods flagged correctly.

Technical quality

- Can you understand what rating curves were used, and what they are based on? What defines the high end?
- If the high end depends on a curve extension, are there indirect discharge calculations made to justify the peak flow estimate? Do you agree? This is a highly subjective area that bears careful examination. We expect, of course, that consultation was done during the initial workup, so there will be no big surprises.
- Are base flows accurate? It may be more accurate to estimate low flow periods or fill the stage record than use stage record with known error.
- Check how daily flow estimates to fill gaps were made.
- Compare mean daily discharge with an appropriate nearby station for timing and magnitude of peaks, baseflow etc.

Final approval

If everything is in order, or after corrections have been made, complete QC checklist sheet in the Water Year spreadsheet. Printout checklist for the paper file. Include name and date.

Appendix D

Summary Statistics for Individual Storm Events by Monitoring Station

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Table D-1. Summary Statistics for Individual Storm Events at the MONM Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
9/4/2022 18:20	9/4/2022 23:05	4.8	0.14	0.03	0.24	204.1	9/4/2022 18:20	9/5/2022 11:05	16.8	0.20	0.28	12,192.010
10/21/2022 9:30	10/22/2022 15:35	30.1	0.91	0.03	0.36	1117.8	10/21/2022 9:30	10/23/2022 3:30	42.1	0.51	0.92	77,076.090
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 1:00	10/25/2022 4:15	27.3	0.35	0.70	34,730.980
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 0:55	10/25/2022 4:15	27.4	0.35	0.70	34,784.980
10/25/2022 12:50	10/26/2022 1:15	12.4	0.36	0.03	0.24	20.7	10/25/2022 12:45	10/26/2022 13:15	24.6	0.56	1.00	49,524.030
10/27/2022 21:50	10/28/2022 9:05	11.3	0.69	0.06	0.36	45.9	10/27/2022 21:50	10/28/2022 21:00	23.3	1.14	2.40	95,831.980
10/30/2022 1:45	10/30/2022 4:50	3.1	0.05	0.02	0.12	41.4	10/30/2022 1:40	10/30/2022 16:50	15.3	0.29	0.32	15,815.980
10/30/2022 19:55	10/31/2022 6:55	11.0	0.68	0.06	0.36	16.2	10/30/2022 19:50	10/31/2022 18:55	23.2	1.39	1.98	115,686.000
11/1/2022 23:50	11/2/2022 6:05	6.3	0.16	0.03	0.24	41.8	11/1/2022 23:45	11/2/2022 18:00	18.3	0.45	0.63	29,490.020
11/3/2022 13:00	11/4/2022 5:35	16.6	0.96	0.06	0.24	34.1	11/3/2022 12:55	11/4/2022 17:35	28.8	1.85	2.71	191,021.500
11/4/2022 22:40	11/4/2022 23:00	0.3	0.05	0.15	0.24	19.2	11/4/2022 22:40	11/5/2022 11:00	12.4	1.05	1.39	46,826.980
11/5/2022 17:10	11/5/2022 17:25	0.3	0.07	0.28	0.36	18.3	11/5/2022 17:10	11/6/2022 2:45	9.7	0.61	0.70	21,372.010
11/6/2022 2:50	11/6/2022 9:45	6.9	0.78	0.11	0.24	9.6	11/6/2022 2:45	11/6/2022 21:40	19.0	2.17	3.22	148,308.100
11/6/2022 23:40	11/7/2022 5:40	6.0	0.29	0.05	0.12	14.3	11/6/2022 23:35	11/7/2022 11:35	12.1	2.21	2.55	96,287.970
11/7/2022 11:35	11/7/2022 16:50	5.3	0.04	0.01	0.12	7.1	11/7/2022 11:35	11/8/2022 4:50	17.3	1.64	1.98	102,399.000
11/22/2022 8:10	11/22/2022 16:45	8.6	1.02	0.12	0.48	356.6	11/22/2022 8:10	11/23/2022 4:40	20.6	1.95	3.22	144,807.100
11/25/2022 7:50	11/25/2022 16:55	9.1	0.87	0.10	0.24	63.5	11/25/2022 7:50	11/26/2022 2:55	19.2	2.33	3.59	161,051.800
11/26/2022 2:55	11/26/2022 4:40	1.8	0.06	0.03	0.12	11.1	11/26/2022 2:55	11/26/2022 16:40	13.8	1.82	2.12	90,599.890
11/27/2022 3:30	11/27/2022 4:05	0.6	0.18	0.31	0.84	23.7	11/27/2022 3:30	11/27/2022 16:05	12.7	1.55	1.85	70,821.060
11/28/2022 3:05	11/28/2022 4:10	1.1	0.09	0.08	0.36	23.2	11/28/2022 3:05	11/28/2022 16:05	13.1	1.15	1.28	54,209.890
11/29/2022 14:35	11/30/2022 16:40	26.1	0.75	0.03	0.12	35.3	11/29/2022 14:35	12/1/2022 4:40	38.2	1.72	2.26	236,708.200
12/3/2022 3:55	12/3/2022 13:55	10.0	0.54	0.05	0.36	62.2	12/3/2022 3:55	12/4/2022 1:50	22.0	1.29	1.61	102,183.200
12/4/2022 12:40	12/4/2022 14:30	1.8	0.04	0.02	0.12	22.9	12/4/2022 12:40	12/5/2022 2:25	13.8	0.90	1.00	44,726.900
12/6/2022 19:00	12/7/2022 7:00	12.0	0.10	0.01	0.12	54.3	12/6/2022 18:55	12/7/2022 18:55	24.1	1.07	1.09	92,531.770
12/8/2022 2:55	12/8/2022 11:25	8.5	0.24	0.03	0.12	24.0	12/8/2022 2:55	12/8/2022 18:00	15.2	1.54	1.85	83,831.980
12/8/2022 18:05	12/9/2022 3:00	8.9	0.10	0.01	0.24	10.6	12/8/2022 18:00	12/9/2022 4:05	10.2	1.57	1.73	57,594.040
12/9/2022 4:05	12/9/2022 7:10	3.1	0.07	0.02	0.12	7.2	12/9/2022 4:05	12/9/2022 18:10	14.2	1.52	1.73	77,328.090
12/9/2022 18:10	12/10/2022 22:35	28.4	0.92	0.03	0.24	11.5	12/9/2022 18:10	12/11/2022 10:30	40.4	3.14	3.78	457,392.700
12/17/2022 12:15	12/18/2022 0:30	12.3	0.18	0.01	0.12	162.2	12/17/2022 12:10	12/18/2022 5:55	17.8	0.69	0.84	44,612.910
12/18/2022 5:55	12/18/2022 8:20	2.4	0.07	0.03	0.12	6.4	12/18/2022 5:55	12/18/2022 20:15	14.4	0.91	1.09	47,300.920
12/19/2022 13:05	12/19/2022 14:55	1.8	0.06	0.03	0.12	28.8	12/19/2022 13:05	12/20/2022 2:55	13.9	0.58	0.63	29,096.980
12/20/2022 9:40	12/20/2022 15:25	5.8	0.10	0.02	0.12	19.9	12/20/2022 9:40	12/21/2022 3:20	17.8	1.36	1.61	86,789.900
12/21/2022 12:45	12/21/2022 15:20	2.6	0.04	0.02	0.12	25.3	12/21/2022 12:40	12/22/2022 3:20	14.8	0.71	0.77	37,883.930
12/23/2022 19:25	12/24/2022 19:15	23.8	1.72	0.07	0.48	54.7	12/23/2022 19:25	12/25/2022 6:55	35.6	4.06	7.79	520,171.700
12/25/2022 6:55	12/26/2022 9:30	26.6	0.95	0.04	0.84	14.4	12/25/2022 6:55	12/26/2022 18:40	35.8	4.98	7.49	641,803.800
12/26/2022 18:45	12/28/2022 0:45	30.0	1.44	0.05	0.36	10.3	12/26/2022 18:40	12/28/2022 12:40	42.1	6.95	11.45	1,052,479.000
12/29/2022 12:25	12/30/2022 8:50	20.4	0.36	0.02	0.24	37.2	12/29/2022 12:20	12/30/2022 10:25	22.2	3.35	4.19	267,189.200
12/30/2022 10:25	12/30/2022 19:55	9.5	0.12	0.01	0.12	7.3	12/30/2022 10:25	12/31/2022 7:50	21.5	3.18	3.78	245,801.900
12/31/2022 14:30	12/31/2022 20:40	6.2	0.07	0.01	0.24	25.4	12/31/2022 14:25	1/1/2023 8:40	18.3	2.30	2.55	151,746.000
1/5/2023 23:20	1/6/2023 6:20	7.0	0.05	0.01	0.12	122.8	1/5/2023 23:20	1/6/2023 12:10	12.9	0.86	0.92	40,022.930
1/6/2023 12:10	1/7/2023 18:10	30.0	0.23	0.01	0.12	12.7	1/6/2023 12:10	1/8/2023 6:10	42.1	0.94	1.18	142,487.900
1/9/2023 9:35	1/9/2023 23:00	13.4	0.40	0.03	0.24	17.1	1/9/2023 9:30	1/10/2023 11:00	25.6	2.03	3.04	187,281.000
1/13/2023 22:25	1/14/2023 4:35	6.2	0.12	0.02	0.12	7.7	1/13/2023 22:25	1/14/2023 16:30	18.2	2.53	2.87	165,219.000
1/14/2023 22:35	1/15/2023 0:40	2.1	0.04	0.02	0.12	22.8	1/14/2023 22:30	1/15/2023 12:40	14.3	1.76	1.98	90,455.910
1/15/2023 13:05	1/15/2023 21:25	8.3	0.33	0.04	0.24	14.5	1/15/2023 13:05	1/16/2023 9:20	20.3	2.21	2.71	161,897.900

Table D-1. Summary Statistics for Individual Storm Events at the MONM Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume (feet3)
1/17/2023 16:55	1/17/2023 22:15	5.3	0.10	0.02	0.12	44.1	1/17/2023 16:50	1/18/2023 4:25	11.7	1.38	1.61	57,909.030
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	2.06	2.71	208,049.400
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	2.06	2.71	208,049.400
1/24/2023 16:50	1/25/2023 5:35	12.8	0.12	0.01	0.12	63.4	1/24/2023 16:50	1/25/2023 17:35	24.8	1.38	1.85	123,758.800
1/26/2023 19:30	1/27/2023 7:10	11.7	0.42	0.04	0.24	42.2	1/26/2023 19:25	1/27/2023 19:05	23.8	1.87	2.87	160,251.000
1/27/2023 21:00	1/28/2023 2:15	5.3	0.06	0.01	0.12	14.8	1/27/2023 20:55	1/28/2023 14:10	17.3	1.61	1.85	100,428.100
2/3/2023 12:15	2/4/2023 2:00	13.8	0.40	0.03	0.12	158.2	2/3/2023 12:10	2/4/2023 14:00	25.9	1.29	2.12	120,437.900
2/4/2023 14:00	2/4/2023 21:50	7.8	0.12	0.02	0.12	18.1	2/4/2023 14:00	2/5/2023 9:50	19.9	1.22	1.49	87,572.920
2/5/2023 11:40	2/5/2023 19:40	8.0	0.27	0.03	0.24	15.0	2/5/2023 11:40	2/6/2023 7:40	20.1	1.66	2.12	120,077.900
2/9/2023 22:30	2/10/2023 1:30	3.0	0.05	0.02	0.12	57.8	2/9/2023 22:25	2/10/2023 13:30	15.2	0.84	0.92	45,881.960
2/13/2023 11:35	2/13/2023 21:40	10.1	0.25	0.02	0.48	84.9	2/13/2023 11:35	2/14/2023 9:40	22.2	1.02	1.39	81,410.940
2/17/2023 3:30	2/17/2023 19:00	15.5	0.22	0.01	0.12	80.6	2/17/2023 3:30	2/18/2023 6:55	27.5	0.81	1.00	79,862.980
2/18/2023 13:05	2/18/2023 13:50	0.8	0.04	0.05	0.12	24.8	2/18/2023 13:05	2/19/2023 1:50	12.8	0.73	0.77	33,536.950
2/19/2023 3:25	2/20/2023 11:20	31.9	0.70	0.02	0.12	14.3	2/19/2023 3:20	2/20/2023 19:05	39.8	1.62	2.87	232,710.100
2/20/2023 19:10	2/20/2023 23:55	4.8	0.07	0.01	0.12	9.0	2/20/2023 19:05	2/21/2023 11:55	16.9	2.26	2.71	137,481.000
2/21/2023 13:00	2/21/2023 19:15	6.3	0.06	0.01	0.12	13.4	2/21/2023 12:55	2/22/2023 5:15	16.4	1.72	1.98	101,762.900
2/22/2023 5:20	2/22/2023 11:30	6.2	0.10	0.02	0.12	16.2	2/22/2023 5:15	2/22/2023 23:30	18.3	1.37	1.49	90,588.000
2/25/2023 23:35	2/26/2023 11:15	11.7	0.41	0.04	0.24	84.5	2/25/2023 23:35	2/26/2023 23:10	23.7	1.22	1.85	103,700.900
2/27/2023 23:40	2/28/2023 3:20	3.7	0.10	0.03	0.12	36.8	2/27/2023 23:35	2/28/2023 10:15	10.8	1.00	1.09	38,513.960
2/28/2023 10:15	2/28/2023 15:25	5.2	0.17	0.03	0.24	9.5	2/28/2023 10:15	3/1/2023 3:20	17.2	1.28	1.49	78,794.910
3/3/2023 14:50	3/4/2023 10:00	19.2	0.33	0.02	0.12	28.6	3/3/2023 14:50	3/4/2023 21:55	31.2	1.44	1.85	161,813.800
3/5/2023 18:30	3/6/2023 1:05	6.6	0.38	0.06	0.36	32.8	3/5/2023 18:30	3/6/2023 13:05	18.7	1.96	2.55	131,631.100
3/6/2023 15:10	3/6/2023 17:45	2.6	0.06	0.02	0.36	15.5	3/6/2023 15:10	3/7/2023 5:45	14.7	1.66	1.85	87,576.090
3/10/2023 2:40	3/10/2023 5:30	2.8	0.12	0.04	0.12	83.5	3/10/2023 2:35	3/10/2023 13:15	10.8	0.92	1.09	35,525.980
3/10/2023 13:20	3/11/2023 3:00	13.7	0.15	0.01	0.24	9.8	3/10/2023 13:15	3/11/2023 15:00	25.8	1.00	1.18	93,266.890
3/15/2023 4:00	3/15/2023 5:05	1.1	0.08	0.07	0.24	43.8	3/15/2023 3:55	3/15/2023 17:00	13.2	1.36	1.49	64,493.940
3/20/2023 1:40	3/20/2023 19:35	17.9	0.26	0.01	0.24	117.1	3/20/2023 1:40	3/21/2023 7:30	29.9	0.96	1.09	102,855.000
3/23/2023 8:05	3/23/2023 17:20	9.3	0.09	0.01	0.12	61.5	3/23/2023 8:00	3/24/2023 5:15	21.3	0.60	0.70	45,810.000
3/24/2023 7:35	3/24/2023 8:20	0.8	0.03	0.04	0.12	18.3	3/24/2023 7:30	3/24/2023 17:10	9.8	0.51	0.51	17,900.980
3/24/2023 17:10	3/25/2023 1:45	8.6	0.66	0.08	0.60	27.9	3/24/2023 17:10	3/25/2023 7:25	14.3	2.01	2.87	103,473.100
3/25/2023 7:25	3/25/2023 9:35	2.2	0.12	0.06	0.12	7.2	3/25/2023 7:25	3/25/2023 21:30	14.2	1.86	2.12	94,899.120
3/26/2023 17:40	3/26/2023 18:00	0.3	0.12	0.36	0.60	32.6	3/26/2023 17:35	3/27/2023 5:55	12.4	1.17	1.39	52,313.960
3/31/2023 11:25	3/31/2023 22:40	11.3	0.25	0.02	0.36	113.5	3/31/2023 11:25	4/1/2023 10:40	23.3	0.83	1.18	70,034.890
4/2/2023 0:50	4/2/2023 7:20	6.5	0.14	0.02	0.24	27.8	4/2/2023 0:45	4/2/2023 17:15	16.6	0.73	0.84	43,535.950
4/2/2023 17:20	4/3/2023 1:35	8.3	0.33	0.04	0.36	10.3	4/2/2023 17:15	4/3/2023 8:45	15.6	1.62	2.26	90,741.030
4/3/2023 8:50	4/3/2023 13:55	5.1	0.15	0.03	0.24	10.9	4/3/2023 8:45	4/3/2023 23:00	14.3	1.58	1.85	81,732.090
4/3/2023 23:05	4/4/2023 7:40	8.6	0.41	0.05	0.24	13.3	4/3/2023 23:00	4/4/2023 19:40	20.8	2.61	3.98	194,781.000
4/8/2023 10:40	4/8/2023 14:05	3.4	0.08	0.02	0.12	29.1	4/8/2023 10:40	4/8/2023 21:40	11.1	1.87	2.12	74,807.950
4/8/2023 21:45	4/10/2023 2:45	29.0	0.51	0.02	0.24	9.2	4/8/2023 21:40	4/10/2023 6:45	33.2	2.29	3.04	273,057.100
4/10/2023 6:50	4/11/2023 2:20	19.5	0.52	0.03	0.12	8.2	4/10/2023 6:45	4/11/2023 5:25	22.8	2.90	3.59	237,378.000
4/11/2023 5:30	4/11/2023 12:20	6.8	0.05	0.01	0.12	7.0	4/11/2023 5:25	4/12/2023 0:20	19.0	2.45	2.87	167,484.000
4/16/2023 8:10	4/16/2023 16:05	7.9	0.28	0.04	0.24	122.2	4/16/2023 8:10	4/16/2023 22:30	14.4	1.36	1.73	70,488.060
4/16/2023 22:35	4/16/2023 23:10	0.6	0.07	0.12	0.24	10.8	4/16/2023 22:30	4/17/2023 11:10	12.8	1.17	1.39	53,546.960
4/17/2023 14:25	4/17/2023 20:15	5.8	0.11	0.02	0.24	15.7	4/17/2023 14:25	4/18/2023 2:55	12.6	1.10	1.18	49,646.930
4/18/2023 2:55	4/18/2023 4:20	1.4	0.03	0.02	0.12	6.9	4/18/2023 2:55	4/18/2023 11:40	8.8	0.98	1.09	31,169.980

Table D-1. Summary Statistics for Individual Storm Events at the MONM Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume (feet3)
4/18/2023 11:40	4/18/2023 17:45	6.1	0.08	0.01	0.12	15.4	4/18/2023 11:40	4/19/2023 2:35	15.0	0.95	1.00	51,047.950
4/19/2023 2:40	4/19/2023 7:25	4.8	0.06	0.01	0.12	9.2	4/19/2023 2:35	4/19/2023 19:25	16.9	0.88	0.92	53,819.920
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	1.40	1.61	130,290.300
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	1.40	1.61	130,290.300
5/5/2023 23:10	5/6/2023 7:05	7.9	0.07	0.01	0.12	7.2	5/5/2023 23:10	5/6/2023 11:35	12.5	1.32	1.49	59,444.910
5/6/2023 11:35	5/6/2023 17:05	5.5	0.05	0.01	0.12	9.2	5/6/2023 11:35	5/7/2023 5:00	17.5	1.00	1.18	63,062.930
5/15/2023 21:00	5/16/2023 6:10	9.2	0.07	0.01	0.12	221.2	5/15/2023 20:55	5/16/2023 18:10	21.3	0.42	0.51	32,478.030
5/21/2023 17:25	5/22/2023 7:10	13.8	0.29	0.02	0.12	137.5	5/21/2023 17:25	5/22/2023 19:05	25.8	0.50	0.77	45,987.080
6/9/2023 4:40	6/9/2023 8:15	3.6	0.03	0.01	0.12	434.3	6/9/2023 4:40	6/9/2023 12:45	8.2	0.26	0.28	7,667.996
6/9/2023 12:50	6/10/2023 12:00	23.2	0.49	0.02	0.24	442.5	6/9/2023 12:45	6/10/2023 23:55	35.3	0.50	0.77	63,663.120
6/16/2023 17:45	6/16/2023 19:20	1.6	0.14	0.09	0.24	150.2	6/16/2023 17:45	6/17/2023 7:15	13.6	0.35	0.46	17,058.000
6/17/2023 11:10	6/17/2023 12:25	1.3	0.03	0.02	0.12	16.6	6/17/2023 11:10	6/17/2023 18:40	7.6	0.28	0.28	7,644.005
6/17/2023 18:40	6/18/2023 3:55	9.3	0.17	0.02	0.24	13.9	6/17/2023 18:40	6/18/2023 13:05	18.5	0.37	0.63	24,786.030
6/18/2023 13:05	6/18/2023 21:25	8.3	0.22	0.03	0.24	9.8	6/18/2023 13:05	6/19/2023 7:25	18.4	0.55	0.84	36,491.980
6/19/2023 7:25	6/19/2023 7:30	0.1	0.03	0.36	0.24	12.7	6/19/2023 7:25	6/19/2023 17:55	10.6	0.42	0.51	16,116.000
6/20/2023 2:00	6/20/2023 10:55	8.9	0.27	0.03	0.12	7.7	6/20/2023 2:00	6/20/2023 22:50	20.9	0.82	1.09	61,703.930
7/13/2023 11:00	7/13/2023 11:10	0.2	0.24	1.44	2.04	554.1	7/13/2023 11:00	7/13/2023 23:10	12.3	0.14	0.18	6,110.995
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.19	0.21	8,972.998
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.19	0.21	8,972.998
7/24/2023 17:15	7/24/2023 19:00	1.8	0.33	0.19	0.48	179.9	7/24/2023 17:10	7/25/2023 6:55	13.8	0.41	0.84	20,606.990
8/7/2023 2:20	8/7/2023 3:55	1.6	0.13	0.08	0.36	319.6	8/7/2023 2:15	8/7/2023 15:55	13.8	0.25	0.32	12,134.990
8/22/2023 23:40	8/23/2023 3:15	3.6	0.06	0.02	0.12	380.0	8/22/2023 23:35	8/23/2023 15:10	15.7	0.25	0.46	14,105.980
8/29/2023 5:25	8/29/2023 7:50	2.4	0.07	0.03	0.12	149.6	8/29/2023 5:25	8/29/2023 15:10	9.8	0.14	0.18	4,856.995
8/29/2023 15:15	8/29/2023 18:10	2.9	0.28	0.10	0.36	8.3	8/29/2023 15:10	8/30/2023 6:10	15.1	0.35	0.84	19,083.000
9/18/2023 2:50	9/18/2023 7:30	4.7	0.10	0.02	0.12	464.9	9/18/2023 2:45	9/18/2023 19:30	16.8	0.18	0.24	11,142.010
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.40	0.70	33,999.000
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.08	0.17	6,882.011
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.21	0.24	14,876.990
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.03	0.05	2,256.003
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	1.53	4.62	229,481.700
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	0.26	1.08	38,864.970
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	1.86	2.26	92,538.000
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	0.25	0.48	12,548.990
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	5.64	22.41	674,732.100
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	0.76	2.56	90,861.030
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	4.25	5.32	294,543.500
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	0.52	0.86	35,697.050

Table D-2. Summary Statistics for Individual Storm Events at the MONMN Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:30	10/22/2022 15:35	30.1	0.91	0.03	0.36	1117.8	10/21/2022 9:30	10/23/2022 3:30	42.1	0.11	0.18	16,812.070
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 1:00	10/25/2022 4:15	27.3	0.07	0.13	7,241.991
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 0:55	10/25/2022 4:15	27.4	0.07	0.13	7,253.991
10/25/2022 12:50	10/26/2022 1:15	12.4	0.36	0.03	0.24	20.7	10/25/2022 12:45	10/26/2022 13:15	24.6	0.13	0.25	11,331.000
10/27/2022 21:50	10/28/2022 9:05	11.3	0.69	0.06	0.36	45.9	10/27/2022 21:50	10/28/2022 21:00	23.3	0.26	0.43	21,347.990
10/30/2022 1:45	10/30/2022 4:50	3.1	0.05	0.02	0.12	41.4	10/30/2022 1:40	10/30/2022 16:50	15.3	0.11	0.13	6,153.000
10/30/2022 19:55	10/31/2022 6:55	11.0	0.68	0.06	0.36	16.2	10/30/2022 19:50	10/31/2022 18:55	23.2	0.50	0.80	41,366.920
11/1/2022 23:50	11/2/2022 6:05	6.3	0.16	0.03	0.24	41.8	11/1/2022 23:45	11/2/2022 18:00	18.3	0.18	0.28	11,859.030
11/3/2022 13:00	11/4/2022 5:35	16.6	0.96	0.06	0.24	34.1	11/3/2022 12:55	11/4/2022 17:35	28.8	0.70	1.18	72,765.070
11/4/2022 22:40	11/4/2022 23:00	0.3	0.05	0.15	0.24	19.2	11/4/2022 22:40	11/5/2022 11:00	12.4	0.40	0.49	17,829.030
11/5/2022 17:10	11/5/2022 17:25	0.3	0.07	0.28	0.36	18.3	11/5/2022 17:10	11/6/2022 2:45	9.7	0.22	0.25	7,691.988
11/6/2022 2:50	11/6/2022 9:45	6.9	0.78	0.11	0.24	9.6	11/6/2022 2:45	11/6/2022 21:40	19.0	0.84	1.72	57,594.060
11/6/2022 23:40	11/7/2022 5:40	6.0	0.29	0.05	0.12	14.3	11/6/2022 23:35	11/7/2022 11:35	12.1	0.72	0.89	31,253.970
11/7/2022 11:35	11/7/2022 16:50	5.3	0.04	0.01	0.12	7.1	11/7/2022 11:35	11/8/2022 4:50	17.3	0.48	0.63	29,751.010
11/22/2022 8:10	11/22/2022 16:45	8.6	1.02	0.12	0.48	356.6	11/22/2022 8:10	11/23/2022 4:40	20.6	0.75	1.49	55,254.100
11/25/2022 7:50	11/25/2022 16:55	9.1	0.87	0.10	0.24	63.5	11/25/2022 7:50	11/26/2022 2:55	19.2	1.05	1.85	72,530.980
11/26/2022 2:55	11/26/2022 4:40	1.8	0.06	0.03	0.12	11.1	11/26/2022 2:55	11/26/2022 16:40	13.8	0.63	0.80	31,565.950
11/27/2022 3:30	11/27/2022 4:05	0.6	0.18	0.31	0.84	23.7	11/27/2022 3:30	11/27/2022 16:05	12.7	0.50	0.63	22,620.010
11/28/2022 3:05	11/28/2022 4:10	1.1	0.09	0.08	0.36	23.2	11/28/2022 3:05	11/28/2022 16:05	13.1	0.30	0.38	14,300.990
11/29/2022 14:35	11/30/2022 16:40	26.1	0.75	0.03	0.12	35.3	11/29/2022 14:35	12/1/2022 4:40	38.2	0.56	0.89	77,427.250
12/3/2022 3:55	12/3/2022 13:55	10.0	0.54	0.05	0.36	62.2	12/3/2022 3:55	12/4/2022 1:50	22.0	0.37	0.56	29,391.000
12/4/2022 12:40	12/4/2022 14:30	1.8	0.04	0.02	0.12	22.9	12/4/2022 12:40	12/5/2022 2:25	13.8	0.20	0.21	9,890.999
12/6/2022 19:00	12/7/2022 7:00	12.0	0.10	0.01	0.12	54.3	12/6/2022 18:55	12/7/2022 18:55	24.1	0.27	0.28	23,345.960
12/8/2022 2:55	12/8/2022 11:25	8.5	0.24	0.03	0.12	24.0	12/8/2022 2:55	12/8/2022 18:00	15.2	0.56	0.71	30,728.940
12/8/2022 18:05	12/9/2022 3:00	8.9	0.10	0.01	0.24	10.6	12/8/2022 18:00	12/9/2022 4:05	10.2	0.62	0.71	22,562.980
12/9/2022 4:05	12/9/2022 7:10	3.1	0.07	0.02	0.12	7.2	12/9/2022 4:05	12/9/2022 18:10	14.2	0.53	0.63	27,027.000
12/9/2022 18:10	12/10/2022 22:35	28.4	0.92	0.03	0.24	11.5	12/9/2022 18:10	12/11/2022 10:30	40.4	1.41	1.98	205,122.500
12/17/2022 12:15	12/18/2022 0:30	12.3	0.18	0.01	0.12	162.2	12/17/2022 12:10	12/18/2022 5:55	17.8	0.13	0.15	8,063.991
12/18/2022 5:55	12/18/2022 8:20	2.4	0.07	0.03	0.12	6.4	12/18/2022 5:55	12/18/2022 20:15	14.4	0.16	0.18	8,531.995
12/19/2022 13:05	12/19/2022 14:55	1.8	0.06	0.03	0.12	28.8	12/19/2022 13:05	12/20/2022 2:55	13.9	0.11	0.11	5,510.998
12/20/2022 9:40	12/20/2022 15:25	5.8	0.10	0.02	0.12	19.9	12/20/2022 9:40	12/21/2022 3:20	17.8	0.35	0.49	22,668.030
12/21/2022 12:45	12/21/2022 15:20	2.6	0.04	0.02	0.12	25.3	12/21/2022 12:40	12/22/2022 3:20	14.8	0.14	0.15	7,376.982
12/23/2022 19:25	12/24/2022 19:15	23.8	1.72	0.07	0.48	54.7	12/23/2022 19:25	12/25/2022 6:55	35.6	1.91	5.18	244,271.700
12/25/2022 6:55	12/26/2022 9:30	26.6	0.95	0.04	0.84	14.4	12/25/2022 6:55	12/26/2022 18:40	35.8	2.26	4.17	291,029.800
12/26/2022 18:45	12/28/2022 0:45	30.0	1.44	0.05	0.36	10.3	12/26/2022 18:40	12/28/2022 12:40	42.1	2.98	6.68	450,756.000
12/29/2022 12:25	12/30/2022 8:50	20.4	0.36	0.02	0.24	37.2	12/29/2022 12:20	12/30/2022 10:25	22.2	1.21	1.72	96,465.040
12/30/2022 10:25	12/30/2022 19:55	9.5	0.12	0.01	0.12	7.3	12/30/2022 10:25	12/31/2022 7:50	21.5	1.12	1.28	86,540.990
12/31/2022 14:30	12/31/2022 20:40	6.2	0.07	0.01	0.24	25.4	12/31/2022 14:25	1/1/2023 8:40	18.3	0.74	0.80	48,570.100
1/5/2023 23:20	1/6/2023 6:20	7.0	0.05	0.01	0.12	122.8	1/5/2023 23:20	1/6/2023 12:10	12.9	0.15	0.15	6,974.990
1/6/2023 12:10	1/7/2023 18:10	30.0	0.23	0.01	0.12	12.7	1/6/2023 12:10	1/8/2023 6:10	42.1	0.18	0.25	27,326.950
1/9/2023 9:35	1/9/2023 23:00	13.4	0.40	0.03	0.24	17.1	1/9/2023 9:30	1/10/2023 11:00	25.6	0.65	1.28	59,919.110
1/13/2023 22:25	1/14/2023 4:35	6.2	0.12	0.02	0.12	7.7	1/13/2023 22:25	1/14/2023 16:30	18.2	0.83	1.00	54,117.140
1/14/2023 22:35	1/15/2023 0:40	2.1	0.04	0.02	0.12	22.8	1/14/2023 22:30	1/15/2023 12:40	14.3	0.52	0.63	26,799.020
1/15/2023 13:05	1/15/2023 21:25	8.3	0.33	0.04	0.24	14.5	1/15/2023 13:05	1/16/2023 9:20	20.3	0.69	1.00	50,520.110
1/17/2023 16:55	1/17/2023 22:15	5.3	0.10	0.02	0.12	44.1	1/17/2023 16:50	1/18/2023 4:25	11.7	0.33	0.38	13,671.010
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	0.83	1.28	83,855.980
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	0.83	1.28	83,855.980
1/24/2023 16:50	1/25/2023 5:35	12.8	0.12	0.01	0.12	63.4	1/24/2023 16:50	1/25/2023 17:35	24.8	0.29	0.38	25,803.010
1/26/2023 19:30	1/27/2023 7:10	11.7	0.42	0.04	0.24	42.2	1/26/2023 19:25	1/27/2023 19:05	23.8	0.72	1.49	61,716.080

Table D-2. Summary Statistics for Individual Storm Events at the MONMN Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume (feet3)
1/27/2023 21:00	1/28/2023 2:15	5.3	0.06	0.01	0.12	14.8	1/27/2023 20:55	1/28/2023 14:10	17.3	0.50	0.63	31,497.010
2/3/2023 12:15	2/4/2023 2:00	13.8	0.40	0.03	0.12	158.2	2/3/2023 12:10	2/4/2023 14:00	25.9	0.36	0.89	33,269.980
2/4/2023 14:00	2/4/2023 21:50	7.8	0.12	0.02	0.12	18.1	2/4/2023 14:00	2/5/2023 9:50	19.9	0.29	0.43	20,661.000
2/5/2023 11:40	2/5/2023 19:40	8.0	0.27	0.03	0.24	15.0	2/5/2023 11:40	2/6/2023 7:40	20.1	0.47	0.89	34,316.950
2/9/2023 22:30	2/10/2023 1:30	3.0	0.05	0.02	0.12	57.8	2/9/2023 22:25	2/10/2023 13:30	15.2	0.17	0.18	9,090.001
2/13/2023 11:35	2/13/2023 21:40	10.1	0.25	0.02	0.48	84.9	2/13/2023 11:35	2/14/2023 9:40	22.2	0.29	0.49	23,118.030
2/17/2023 3:30	2/17/2023 19:00	15.5	0.22	0.01	0.12	80.6	2/17/2023 3:30	2/18/2023 6:55	27.5	0.21	0.28	20,411.990
2/18/2023 13:05	2/18/2023 13:50	0.8	0.04	0.05	0.12	24.8	2/18/2023 13:05	2/19/2023 1:50	12.8	0.17	0.18	8,010.005
2/19/2023 3:25	2/20/2023 11:20	31.9	0.70	0.02	0.12	14.3	2/19/2023 3:20	2/20/2023 19:05	39.8	0.55	1.09	78,956.930
2/20/2023 19:10	2/20/2023 23:55	4.8	0.07	0.01	0.12	9.0	2/20/2023 19:05	2/21/2023 11:55	16.9	0.90	1.28	54,507.000
2/21/2023 13:00	2/21/2023 19:15	6.3	0.06	0.01	0.12	13.4	2/21/2023 12:55	2/22/2023 5:15	16.4	0.67	0.80	39,368.900
2/22/2023 5:20	2/22/2023 11:30	6.2	0.10	0.02	0.12	16.2	2/22/2023 5:15	2/22/2023 23:30	18.3	0.51	0.56	33,791.980
2/25/2023 23:35	2/26/2023 11:15	11.7	0.41	0.04	0.24	84.5	2/25/2023 23:35	2/26/2023 23:10	23.7	0.39	0.71	33,371.960
2/27/2023 23:40	2/28/2023 3:20	3.7	0.10	0.03	0.12	36.8	2/27/2023 23:35	2/28/2023 10:15	10.8	0.28	0.33	10,833.000
2/28/2023 10:15	2/28/2023 15:25	5.2	0.17	0.03	0.24	9.5	2/28/2023 10:15	3/1/2023 3:20	17.2	0.38	0.49	23,397.030
3/3/2023 14:50	3/4/2023 10:00	19.2	0.33	0.02	0.12	28.6	3/3/2023 14:50	3/4/2023 21:55	31.2	0.50	0.71	56,016.030
3/5/2023 18:30	3/6/2023 1:05	6.6	0.38	0.06	0.36	32.8	3/5/2023 18:30	3/6/2023 13:05	18.7	0.77	1.18	51,699.050
3/6/2023 15:10	3/6/2023 17:45	2.6	0.06	0.02	0.36	15.5	3/6/2023 15:10	3/7/2023 5:45	14.7	0.57	0.71	29,873.970
3/10/2023 2:40	3/10/2023 5:30	2.8	0.12	0.04	0.12	83.5	3/10/2023 2:35	3/10/2023 13:15	10.8	0.30	0.38	11,513.990
3/10/2023 13:20	3/11/2023 3:00	13.7	0.15	0.01	0.24	9.8	3/10/2023 13:15	3/11/2023 15:00	25.8	0.29	0.38	26,727.030
3/15/2023 4:00	3/15/2023 5:05	1.1	0.08	0.07	0.24	43.8	3/15/2023 3:55	3/15/2023 17:00	13.2	0.50	0.63	23,879.980
3/20/2023 1:40	3/20/2023 19:35	17.9	0.26	0.01	0.24	117.1	3/20/2023 1:40	3/21/2023 7:30	29.9	0.22	0.28	23,516.950
3/23/2023 8:05	3/23/2023 17:20	9.3	0.09	0.01	0.12	61.5	3/23/2023 8:00	3/24/2023 5:15	21.3	0.13	0.15	10,181.980
3/24/2023 7:35	3/24/2023 8:20	0.8	0.03	0.04	0.12	18.3	3/24/2023 7:30	3/24/2023 17:10	9.8	0.13	0.13	4,533.003
3/24/2023 17:10	3/25/2023 1:45	8.6	0.66	0.08	0.60	27.9	3/24/2023 17:10	3/25/2023 7:25	14.3	0.73	1.09	37,458.000
3/25/2023 7:25	3/25/2023 9:35	2.2	0.12	0.06	0.12	7.2	3/25/2023 7:25	3/25/2023 21:30	14.2	0.71	0.80	36,344.950
3/26/2023 17:40	3/26/2023 18:00	0.3	0.12	0.36	0.60	32.6	3/26/2023 17:35	3/27/2023 5:55	12.4	0.40	0.56	17,964.000
3/31/2023 11:25	3/31/2023 22:40	11.3	0.25	0.02	0.36	113.5	3/31/2023 11:25	4/1/2023 10:40	23.3	0.24	0.38	20,532.010
4/2/2023 0:50	4/2/2023 7:20	6.5	0.14	0.02	0.24	27.8	4/2/2023 0:45	4/2/2023 17:15	16.6	0.21	0.25	12,354.000
4/2/2023 17:20	4/3/2023 1:35	8.3	0.33	0.04	0.36	10.3	4/2/2023 17:15	4/3/2023 8:45	15.6	0.77	1.18	43,302.060
4/3/2023 8:50	4/3/2023 13:55	5.1	0.15	0.03	0.24	10.9	4/3/2023 8:45	4/3/2023 23:00	14.3	0.75	1.00	38,855.980
4/3/2023 23:05	4/4/2023 7:40	8.6	0.41	0.05	0.24	13.3	4/3/2023 23:00	4/4/2023 19:40	20.8	1.40	2.27	104,493.100
4/8/2023 10:40	4/8/2023 14:05	3.4	0.08	0.02	0.12	29.1	4/8/2023 10:40	4/8/2023 21:40	11.1	0.77	1.00	30,582.010
4/8/2023 21:45	4/10/2023 2:45	29.0	0.51	0.02	0.24	9.2	4/8/2023 21:40	4/10/2023 6:45	33.2	0.87	1.28	104,078.700
4/10/2023 6:50	4/11/2023 2:20	19.5	0.52	0.03	0.12	8.2	4/10/2023 6:45	4/11/2023 5:25	22.8	1.28	1.60	104,472.100
4/11/2023 5:30	4/11/2023 12:20	6.8	0.05	0.01	0.12	7.0	4/11/2023 5:25	4/12/2023 0:20	19.0	1.14	1.28	78,062.910
4/16/2023 8:10	4/16/2023 16:05	7.9	0.28	0.04	0.24	122.2	4/16/2023 8:10	4/16/2023 22:30	14.4	0.42	0.63	21,882.010
4/16/2023 22:35	4/16/2023 23:10	0.6	0.07	0.12	0.24	10.8	4/16/2023 22:30	4/17/2023 11:10	12.8	0.37	0.43	17,112.030
4/17/2023 14:25	4/17/2023 20:15	5.8	0.11	0.02	0.24	15.7	4/17/2023 14:25	4/18/2023 2:55	12.6	0.34	0.38	15,264.010
4/18/2023 2:55	4/18/2023 4:20	1.4	0.03	0.02	0.12	6.9	4/18/2023 2:55	4/18/2023 11:40	8.8	0.31	0.33	9,894.006
4/18/2023 11:40	4/18/2023 17:45	6.1	0.08	0.01	0.12	15.4	4/18/2023 11:40	4/19/2023 2:35	15.0	0.28	0.33	15,003.000
4/19/2023 2:40	4/19/2023 7:25	4.8	0.06	0.01	0.12	9.2	4/19/2023 2:35	4/19/2023 19:25	16.9	0.26	0.28	15,783.000
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	0.42	0.49	38,946.010
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	0.42	0.49	38,946.010
5/5/2023 23:10	5/6/2023 7:05	7.9	0.07	0.01	0.12	7.2	5/5/2023 23:10	5/6/2023 11:35	12.5	0.46	0.56	20,601.000
5/6/2023 11:35	5/6/2023 17:05	5.5	0.05	0.01	0.12	9.2	5/6/2023 11:35	5/7/2023 5:00	17.5	0.30	0.38	18,605.980
5/15/2023 21:00	5/16/2023 6:10	9.2	0.07	0.01	0.12	221.2	5/15/2023 20:55	5/16/2023 18:10	21.3	0.08	0.09	6,354.000
5/21/2023 17:25	5/22/2023 7:10	13.8	0.29	0.02	0.12	137.5	5/21/2023 17:25	5/22/2023 19:05	25.8	0.13	0.18	12,441.030
6/9/2023 4:40	6/9/2023 8:15	3.6	0.03	0.01	0.12	434.3	6/9/2023 4:40	6/9/2023 12:45	8.2	0.05	0.05	1,470.000

Table D-2. Summary Statistics for Individual Storm Events at the MONMN Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume (feet3)
6/9/2023 12:50	6/10/2023 12:00	23.2	0.49	0.02	0.24	442.5	6/9/2023 12:45	6/10/2023 23:55	35.3	0.09	0.13	11,865.030
6/16/2023 17:45	6/16/2023 19:20	1.6	0.14	0.09	0.24	150.2	6/16/2023 17:45	6/17/2023 7:15	13.6	0.08	0.11	4,065.000
6/17/2023 11:10	6/17/2023 12:25	1.3	0.03	0.02	0.12	16.6	6/17/2023 11:10	6/17/2023 18:40	7.6	0.07	0.08	1,823.999
6/17/2023 18:40	6/18/2023 3:55	9.3	0.17	0.02	0.24	13.9	6/17/2023 18:40	6/18/2023 13:05	18.5	0.09	0.15	5,951.999
6/18/2023 13:05	6/18/2023 21:25	8.3	0.22	0.03	0.24	9.8	6/18/2023 13:05	6/19/2023 7:25	18.4	0.13	0.18	8,621.981
6/19/2023 7:25	6/19/2023 7:30	0.1	0.03	0.36	0.24	12.7	6/19/2023 7:25	6/19/2023 17:55	10.6	0.12	0.13	4,418.995
6/20/2023 2:00	6/20/2023 10:55	8.9	0.27	0.03	0.12	7.7	6/20/2023 2:00	6/20/2023 22:50	20.9	0.21	0.28	15,951.000
7/13/2023 11:00	7/13/2023 11:10	0.2	0.24	1.44	2.04	554.1	7/13/2023 11:00	7/13/2023 23:10	12.3	0.04	0.05	1,907.999
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.04	0.05	2,015.999
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.04	0.05	2,015.999
7/24/2023 17:15	7/24/2023 19:00	1.8	0.33	0.19	0.48	179.9	7/24/2023 17:10	7/25/2023 6:55	13.8	0.10	0.15	4,935.000
8/7/2023 2:20	8/7/2023 3:55	1.6	0.13	0.08	0.36	319.6	8/7/2023 2:15	8/7/2023 15:55	13.8	0.05	0.08	2,529.002
8/22/2023 23:40	8/23/2023 3:15	3.6	0.06	0.02	0.12	380.0	8/22/2023 23:35	8/23/2023 15:10	15.7	0.15	0.33	8,313.000
8/29/2023 5:25	8/29/2023 7:50	2.4	0.07	0.03	0.12	149.6	8/29/2023 5:25	8/29/2023 15:10	9.8	0.04	0.04	1,247.999
8/29/2023 15:15	8/29/2023 18:10	2.9	0.28	0.10	0.36	8.3	8/29/2023 15:10	8/30/2023 6:10	15.1	0.07	0.13	3,843.005
9/18/2023 2:50	9/18/2023 7:30	4.7	0.10	0.02	0.12	464.9	9/18/2023 2:45	9/18/2023 19:30	16.8	0.03	0.05	1,962.004
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.07	0.11	6,335.984
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.05	0.06	3,387.007
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	0.28	0.80	42,572.930
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	0.54	1.00	27,084.000
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	2.73	12.83	326,408.900
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	1.81	1.98	125,292.100
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.08	0.17	6,882.011
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.03	0.05	2,256.003
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	0.25	0.48	12,548.990
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	0.76	2.56	90,861.030
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	0.52	0.86	35,697.050
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	0.26	1.08	38,864.970
6/4/2022 19:10	6/5/2022 13:55	18.8	0.87	0.05	0.48	22.8	6/4/2022 19:05	6/6/2022 1:50	30.8	3.32	5.82	368,256.300
6/9/2022 6:35	6/10/2022 4:00	21.4	0.98	0.05	0.24	93.2	6/9/2022 6:30	6/10/2022 15:55	33.5	2.86	5.08	345,372.200
6/10/2022 17:25	6/11/2022 7:15	13.8	0.13	0.01	0.12	17.2	6/10/2022 17:25	6/11/2022 19:15	25.9	1.98	2.55	185,144.900
6/12/2022 1:35	6/12/2022 9:30	7.9	0.08	0.01	0.12	24.0	6/12/2022 1:30	6/12/2022 20:25	19.0	1.15	1.39	78,953.900
6/12/2022 20:30	6/13/2022 7:40	11.2	0.37	0.03	0.24	14.3	6/12/2022 20:25	6/13/2022 19:40	23.3	1.91	2.87	160,730.900
6/14/2022 3:25	6/14/2022 8:25	5.0	0.54	0.11	1.32	25.5	6/14/2022 3:20	6/14/2022 20:25	17.2	2.74	5.08	169,082.800
6/17/2022 10:50	6/17/2022 20:05	9.3	0.21	0.02	0.24	78.4	6/17/2022 10:50	6/18/2022 8:00	21.3	1.10	1.49	84,246.000
6/19/2022 0:35	6/19/2022 2:55	2.3	0.08	0.03	0.12	31.8	6/19/2022 0:30	6/19/2022 14:55	14.5	0.81	0.92	42,071.890
6/22/2022 8:00	6/22/2022 14:20	6.3	0.04	0.01	0.12	78.8	6/22/2022 8:00	6/23/2022 2:20	18.4	0.56	0.57	37,322.990
7/3/2022 14:20	7/3/2022 19:15	4.9	0.17	0.03	0.24	349.1	7/3/2022 14:15	7/4/2022 7:15	17.1	0.45	0.70	27,576.040
7/18/2022 4:35	7/18/2022 6:30	1.9	0.07	0.04	0.12	345.9	7/18/2022 4:30	7/18/2022 18:30	14.1	0.24	0.28	12,158.980
8/27/2022 5:55	8/27/2022 8:50	2.9	0.05	0.02	0.12	960.8	8/27/2022 5:55	8/27/2022 20:45	14.9	0.14	0.18	7,452.014
9/4/2022 18:20	9/4/2022 23:05	4.8	0.14	0.03	0.24	204.1	9/4/2022 18:20	9/5/2022 11:05	16.8	0.20	0.28	12,192.010

Table D-3. Summary Statistics for Individual Storm Events at the MONMS Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:30	10/22/2022 15:35	30.1	0.91	0.03	0.36	1117.8	10/21/2022 9:30	10/23/2022 3:30	42.1	0.16	0.30	24,476.910
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 1:00	10/25/2022 4:15	27.3	0.11	0.21	10,368.000
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 0:55	10/25/2022 4:15	27.4	0.11	0.21	10,386.010
10/25/2022 12:50	10/26/2022 1:15	12.4	0.36	0.03	0.24	20.7	10/25/2022 12:45	10/26/2022 13:15	24.6	0.14	0.35	12,728.990
10/27/2022 21:50	10/28/2022 9:05	11.3	0.69	0.06	0.36	45.9	10/27/2022 21:50	10/28/2022 21:00	23.3	0.22	0.56	18,122.990
10/30/2022 1:45	10/30/2022 4:50	3.1	0.05	0.02	0.12	41.4	10/30/2022 1:40	10/30/2022 16:50	15.3	0.08	0.11	4,530.007
10/30/2022 19:55	10/31/2022 6:55	11.0	0.68	0.06	0.36	16.2	10/30/2022 19:50	10/31/2022 18:55	23.2	0.25	0.62	20,960.960
11/1/2022 23:50	11/2/2022 6:05	6.3	0.16	0.03	0.24	41.8	11/1/2022 23:45	11/2/2022 18:00	18.3	0.10	0.18	6,701.999
11/3/2022 13:00	11/4/2022 5:35	16.6	0.96	0.06	0.24	34.1	11/3/2022 12:55	11/4/2022 17:35	28.8	0.30	0.59	30,932.950
11/4/2022 22:40	11/4/2022 23:00	0.3	0.05	0.15	0.24	19.2	11/4/2022 22:40	11/5/2022 11:00	12.4	0.13	0.17	5,862.006
11/5/2022 17:10	11/5/2022 17:25	0.3	0.07	0.28	0.36	18.3	11/5/2022 17:10	11/6/2022 2:45	9.7	0.13	0.18	4,385.995
11/6/2022 2:50	11/6/2022 9:45	6.9	0.78	0.11	0.24	9.6	11/6/2022 2:45	11/6/2022 21:40	19.0	0.40	0.86	27,645.000
11/6/2022 23:40	11/7/2022 5:40	6.0	0.29	0.05	0.12	14.3	11/6/2022 23:35	11/7/2022 11:35	12.1	0.32	0.46	13,997.990
11/7/2022 11:35	11/7/2022 16:50	5.3	0.04	0.01	0.12	7.1	11/7/2022 11:35	11/8/2022 4:50	17.3	0.19	0.23	11,615.990
11/22/2022 8:10	11/22/2022 16:45	8.6	1.02	0.12	0.48	356.6	11/22/2022 8:10	11/23/2022 4:40	20.6	0.31	0.77	23,069.990
11/25/2022 7:50	11/25/2022 16:55	9.1	0.87	0.10	0.24	63.5	11/25/2022 7:50	11/26/2022 2:55	19.2	0.40	0.74	27,408.000
11/26/2022 2:55	11/26/2022 4:40	1.8	0.06	0.03	0.12	11.1	11/26/2022 2:55	11/26/2022 16:40	13.8	0.18	0.23	8,834.994
11/27/2022 3:30	11/27/2022 4:05	0.6	0.18	0.31	0.84	23.7	11/27/2022 3:30	11/27/2022 16:05	12.7	0.19	0.35	8,468.992
11/28/2022 3:05	11/28/2022 4:10	1.1	0.09	0.08	0.36	23.2	11/28/2022 3:05	11/28/2022 16:05	13.1	0.14	0.20	6,630.000
11/29/2022 14:35	11/30/2022 16:40	26.1	0.75	0.03	0.12	35.3	11/29/2022 14:35	12/1/2022 4:40	38.2	0.21	0.35	28,418.970
12/3/2022 3:55	12/3/2022 13:55	10.0	0.54	0.05	0.36	62.2	12/3/2022 3:55	12/4/2022 1:50	22.0	0.15	0.20	11,838.010
12/4/2022 12:40	12/4/2022 14:30	1.8	0.04	0.02	0.12	22.9	12/4/2022 12:40	12/5/2022 2:25	13.8	0.10	0.11	5,031.008
12/6/2022 19:00	12/7/2022 7:00	12.0	0.10	0.01	0.12	54.3	12/6/2022 18:55	12/7/2022 18:55	24.1	0.15	0.17	13,163.980
12/8/2022 2:55	12/8/2022 11:25	8.5	0.24	0.03	0.12	24.0	12/8/2022 2:55	12/8/2022 18:00	15.2	0.22	0.32	12,033.000
12/8/2022 18:05	12/9/2022 3:00	8.9	0.10	0.01	0.24	10.6	12/8/2022 18:00	12/9/2022 4:05	10.2	0.19	0.25	6,939.000
12/9/2022 4:05	12/9/2022 7:10	3.1	0.07	0.02	0.12	7.2	12/9/2022 4:05	12/9/2022 18:10	14.2	0.17	0.23	8,855.997
12/9/2022 18:10	12/10/2022 22:35	28.4	0.92	0.03	0.24	11.5	12/9/2022 18:10	12/11/2022 10:30	40.4	0.43	0.77	61,920.170
12/17/2022 12:15	12/18/2022 0:30	12.3	0.18	0.01	0.12	162.2	12/17/2022 12:10	12/18/2022 5:55	17.8	0.11	0.15	6,969.004
12/18/2022 5:55	12/18/2022 8:20	2.4	0.07	0.03	0.12	6.4	12/18/2022 5:55	12/18/2022 20:15	14.4	0.12	0.17	6,018.007
12/19/2022 13:05	12/19/2022 14:55	1.8	0.06	0.03	0.12	28.8	12/19/2022 13:05	12/20/2022 2:55	13.9	0.08	0.09	4,049.998
12/20/2022 9:40	12/20/2022 15:25	5.8	0.10	0.02	0.12	19.9	12/20/2022 9:40	12/21/2022 3:20	17.8	0.16	0.32	10,139.980
12/21/2022 12:45	12/21/2022 15:20	2.6	0.04	0.02	0.12	25.3	12/21/2022 12:40	12/22/2022 3:20	14.8	0.08	0.09	4,448.998
12/23/2022 19:25	12/24/2022 19:15	23.8	1.72	0.07	0.48	54.7	12/23/2022 19:25	12/25/2022 6:55	35.6	0.57	1.40	73,640.970
12/25/2022 6:55	12/26/2022 9:30	26.6	0.95	0.04	0.84	14.4	12/25/2022 6:55	12/26/2022 18:40	35.8	0.59	0.97	76,374.020
12/26/2022 18:45	12/28/2022 0:45	30.0	1.44	0.05	0.36	10.3	12/26/2022 18:40	12/28/2022 12:40	42.1	0.83	1.27	125,228.700
12/29/2022 12:25	12/30/2022 8:50	20.4	0.36	0.02	0.24	37.2	12/29/2022 12:20	12/30/2022 10:25	22.2	0.37	0.56	29,292.020
12/30/2022 10:25	12/30/2022 19:55	9.5	0.12	0.01	0.12	7.3	12/30/2022 10:25	12/31/2022 7:50	21.5	0.33	0.43	25,493.930
12/31/2022 14:30	12/31/2022 20:40	6.2	0.07	0.01	0.24	25.4	12/31/2022 14:25	1/1/2023 8:40	18.3	0.22	0.28	14,732.990
1/5/2023 23:20	1/6/2023 6:20	7.0	0.05	0.01	0.12	122.8	1/5/2023 23:20	1/6/2023 12:10	12.9	0.11	0.13	4,926.002
1/6/2023 12:10	1/7/2023 18:10	30.0	0.23	0.01	0.12	12.7	1/6/2023 12:10	1/8/2023 6:10	42.1	0.12	0.15	18,732.000
1/9/2023 9:35	1/9/2023 23:00	13.4	0.40	0.03	0.24	17.1	1/9/2023 9:30	1/10/2023 11:00	25.6	0.25	0.37	23,162.980
1/13/2023 22:25	1/14/2023 4:35	6.2	0.12	0.02	0.12	7.7	1/13/2023 22:25	1/14/2023 16:30	18.2	0.27	0.30	17,517.000
1/14/2023 22:35	1/15/2023 0:40	2.1	0.04	0.02	0.12	22.8	1/14/2023 22:30	1/15/2023 12:40	14.3	0.19	0.21	9,582.004
1/15/2023 13:05	1/15/2023 21:25	8.3	0.33	0.04	0.24	14.5	1/15/2023 13:05	1/16/2023 9:20	20.3	0.26	0.32	19,274.980
1/17/2023 16:55	1/17/2023 22:15	5.3	0.10	0.02	0.12	44.1	1/17/2023 16:50	1/18/2023 4:25	11.7	0.16	0.18	6,711.003
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	0.26	0.37	26,456.980
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	0.26	0.37	26,456.980

Table D-3. Summary Statistics for Individual Storm Events at the MONMS Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume (feet3)
1/24/2023 16:50	1/25/2023 5:35	12.8	0.12	0.01	0.12	63.4	1/24/2023 16:50	1/25/2023 17:35	24.8	0.13	0.17	12,018.000
1/26/2023 19:30	1/27/2023 7:10	11.7	0.42	0.04	0.24	42.2	1/26/2023 19:25	1/27/2023 19:05	23.8	0.23	0.39	19,757.970
1/27/2023 21:00	1/28/2023 2:15	5.3	0.06	0.01	0.12	14.8	1/27/2023 20:55	1/28/2023 14:10	17.3	0.18	0.21	11,022.010
2/3/2023 12:15	2/4/2023 2:00	13.8	0.40	0.03	0.12	158.2	2/3/2023 12:10	2/4/2023 14:00	25.9	0.16	0.27	15,174.000
2/4/2023 14:00	2/4/2023 21:50	7.8	0.12	0.02	0.12	18.1	2/4/2023 14:00	2/5/2023 9:50	19.9	0.14	0.20	10,344.000
2/5/2023 11:40	2/5/2023 19:40	8.0	0.27	0.03	0.24	15.0	2/5/2023 11:40	2/6/2023 7:40	20.1	0.19	0.25	14,003.990
2/9/2023 22:30	2/10/2023 1:30	3.0	0.05	0.02	0.12	57.8	2/9/2023 22:25	2/10/2023 13:30	15.2	0.11	0.14	5,778.006
2/13/2023 11:35	2/13/2023 21:40	10.1	0.25	0.02	0.48	84.9	2/13/2023 11:35	2/14/2023 9:40	22.2	0.12	0.18	9,588.001
2/17/2023 3:30	2/17/2023 19:00	15.5	0.22	0.01	0.12	80.6	2/17/2023 3:30	2/18/2023 6:55	27.5	0.11	0.14	10,431.010
2/18/2023 13:05	2/18/2023 13:50	0.8	0.04	0.05	0.12	24.8	2/18/2023 13:05	2/19/2023 1:50	12.8	0.09	0.10	3,975.000
2/19/2023 3:25	2/20/2023 11:20	31.9	0.70	0.02	0.12	14.3	2/19/2023 3:20	2/20/2023 19:05	39.8	0.19	0.35	27,531.010
2/20/2023 19:10	2/20/2023 23:55	4.8	0.07	0.01	0.12	9.0	2/20/2023 19:05	2/21/2023 11:55	16.9	0.21	0.27	12,770.990
2/21/2023 13:00	2/21/2023 19:15	6.3	0.06	0.01	0.12	13.4	2/21/2023 12:55	2/22/2023 5:15	16.4	0.16	0.20	9,302.984
2/22/2023 5:20	2/22/2023 11:30	6.2	0.10	0.02	0.12	16.2	2/22/2023 5:15	2/22/2023 23:30	18.3	0.14	0.17	9,383.978
2/25/2023 23:35	2/26/2023 11:15	11.7	0.41	0.04	0.24	84.5	2/25/2023 23:35	2/26/2023 23:10	23.7	0.15	0.23	13,040.990
2/27/2023 23:40	2/28/2023 3:20	3.7	0.10	0.03	0.12	36.8	2/27/2023 23:35	2/28/2023 10:15	10.8	0.13	0.17	5,028.002
2/28/2023 10:15	2/28/2023 15:25	5.2	0.17	0.03	0.24	9.5	2/28/2023 10:15	3/1/2023 3:20	17.2	0.15	0.18	9,491.991
3/3/2023 14:50	3/4/2023 10:00	19.2	0.33	0.02	0.12	28.6	3/3/2023 14:50	3/4/2023 21:55	31.2	0.17	0.21	18,978.000
3/5/2023 18:30	3/6/2023 1:05	6.6	0.38	0.06	0.36	32.8	3/5/2023 18:30	3/6/2023 13:05	18.7	0.23	0.37	15,600.000
3/6/2023 15:10	3/6/2023 17:45	2.6	0.06	0.02	0.36	15.5	3/6/2023 15:10	3/7/2023 5:45	14.7	0.16	0.20	8,375.985
3/10/2023 2:40	3/10/2023 5:30	2.8	0.12	0.04	0.12	83.5	3/10/2023 2:35	3/10/2023 13:15	10.8	0.12	0.20	4,781.999
3/10/2023 13:20	3/11/2023 3:00	13.7	0.15	0.01	0.24	9.8	3/10/2023 13:15	3/11/2023 15:00	25.8	0.11	0.15	10,412.990
3/15/2023 4:00	3/15/2023 5:05	1.1	0.08	0.07	0.24	43.8	3/15/2023 3:55	3/15/2023 17:00	13.2	0.14	0.15	6,419.997
3/20/2023 1:40	3/20/2023 19:35	17.9	0.26	0.01	0.24	117.1	3/20/2023 1:40	3/21/2023 7:30	29.9	0.11	0.14	11,780.990
3/23/2023 8:05	3/23/2023 17:20	9.3	0.09	0.01	0.12	61.5	3/23/2023 8:00	3/24/2023 5:15	21.3	0.08	0.10	6,171.000
3/24/2023 7:35	3/24/2023 8:20	0.8	0.03	0.04	0.12	18.3	3/24/2023 7:30	3/24/2023 17:10	9.8	0.07	0.08	2,555.999
3/24/2023 17:10	3/25/2023 1:45	8.6	0.66	0.08	0.60	27.9	3/24/2023 17:10	3/25/2023 7:25	14.3	0.24	0.35	12,167.990
3/25/2023 7:25	3/25/2023 9:35	2.2	0.12	0.06	0.12	7.2	3/25/2023 7:25	3/25/2023 21:30	14.2	0.24	0.28	12,275.990
3/26/2023 17:40	3/26/2023 18:00	0.3	0.12	0.36	0.60	32.6	3/26/2023 17:35	3/27/2023 5:55	12.4	0.14	0.15	6,266.995
3/31/2023 11:25	3/31/2023 22:40	11.3	0.25	0.02	0.36	113.5	3/31/2023 11:25	4/1/2023 10:40	23.3	0.11	0.15	9,413.993
4/2/2023 0:50	4/2/2023 7:20	6.5	0.14	0.02	0.24	27.8	4/2/2023 0:45	4/2/2023 17:15	16.6	0.10	0.13	5,871.003
4/2/2023 17:20	4/3/2023 1:35	8.3	0.33	0.04	0.36	10.3	4/2/2023 17:15	4/3/2023 8:45	15.6	0.16	0.17	8,705.998
4/3/2023 8:50	4/3/2023 13:55	5.1	0.15	0.03	0.24	10.9	4/3/2023 8:45	4/3/2023 23:00	14.3	0.17	0.20	8,594.998
4/3/2023 23:05	4/4/2023 7:40	8.6	0.41	0.05	0.24	13.3	4/3/2023 23:00	4/4/2023 19:40	20.8	0.25	0.30	18,366.000
4/8/2023 10:40	4/8/2023 14:05	3.4	0.08	0.02	0.12	29.1			0.0	0.00	0.00	0.000
4/8/2023 21:45	4/10/2023 2:45	29.0	0.51	0.02	0.24	9.2			0.0	0.00	0.00	0.000
4/10/2023 6:50	4/11/2023 2:20	19.5	0.52	0.03	0.12	8.2	4/10/2023 11:05	4/11/2023 5:25	18.4	0.39	0.56	25,761.000
4/11/2023 5:30	4/11/2023 12:20	6.8	0.05	0.01	0.12	7.0	4/11/2023 5:25	4/12/2023 0:20	19.0	0.26	0.39	17,595.000
4/16/2023 8:10	4/16/2023 16:05	7.9	0.28	0.04	0.24	122.2	4/16/2023 8:10	4/16/2023 22:30	14.4	0.17	0.28	8,861.991
4/16/2023 22:35	4/16/2023 23:10	0.6	0.07	0.12	0.24	10.8	4/16/2023 22:30	4/17/2023 11:10	12.8	0.14	0.18	6,434.992
4/17/2023 14:25	4/17/2023 20:15	5.8	0.11	0.02	0.24	15.7	4/17/2023 14:25	4/18/2023 2:55	12.6	0.13	0.17	6,056.995
4/18/2023 2:55	4/18/2023 4:20	1.4	0.03	0.02	0.12	6.9	4/18/2023 2:55	4/18/2023 11:40	8.8	0.13	0.14	4,050.001
4/18/2023 11:40	4/18/2023 17:45	6.1	0.08	0.01	0.12	15.4	4/18/2023 11:40	4/19/2023 2:35	15.0	0.11	0.14	6,186.008
4/19/2023 2:40	4/19/2023 7:25	4.8	0.06	0.01	0.12	9.2	4/19/2023 2:35	4/19/2023 19:25	16.9	0.11	0.14	6,852.009
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	0.15	0.21	14,226.000
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	0.15	0.21	14,226.000
5/5/2023 23:10	5/6/2023 7:05	7.9	0.07	0.01	0.12	7.2	5/5/2023 23:10	5/6/2023 11:35	12.5	0.13	0.14	5,694.008

Table D-3. Summary Statistics for Individual Storm Events at the MONMS Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume (feet3)
5/6/2023 11:35	5/6/2023 17:05	5.5	0.05	0.01	0.12	9.2	5/6/2023 11:35	5/7/2023 5:00	17.5	0.10	0.13	6,435.004
5/15/2023 21:00	5/16/2023 6:10	9.2	0.07	0.01	0.12	221.2	5/15/2023 20:55	5/16/2023 18:10	21.3	0.02	0.03	1,160.999
5/21/2023 17:25	5/22/2023 7:10	13.8	0.29	0.02	0.12	137.5	5/21/2023 17:25	5/22/2023 19:05	25.8	0.05	0.14	4,578.002
6/9/2023 4:40	6/9/2023 8:15	3.6	0.03	0.01	0.12	434.3	6/9/2023 4:40	6/9/2023 12:45	8.2	0.01	0.01	294.000
6/9/2023 12:50	6/10/2023 12:00	23.2	0.49	0.02	0.24	442.5	6/9/2023 12:45	6/10/2023 23:55	35.3	0.06	0.13	7,593.012
6/16/2023 17:45	6/16/2023 19:20	1.6	0.14	0.09	0.24	150.2	6/16/2023 17:45	6/17/2023 7:15	13.6	0.02	0.06	1,205.999
6/17/2023 11:10	6/17/2023 12:25	1.3	0.03	0.02	0.12	16.6	6/17/2023 11:10	6/17/2023 18:40	7.6	0.01	0.02	324.000
6/17/2023 18:40	6/18/2023 3:55	9.3	0.17	0.02	0.24	13.9	6/17/2023 18:40	6/18/2023 13:05	18.5	0.04	0.13	2,588.999
6/18/2023 13:05	6/18/2023 21:25	8.3	0.22	0.03	0.24	9.8	6/18/2023 13:05	6/19/2023 7:25	18.4	0.06	0.17	3,729.004
6/19/2023 7:25	6/19/2023 7:30	0.1	0.03	0.36	0.24	12.7	6/19/2023 7:25	6/19/2023 17:55	10.6	0.03	0.05	1,298.999
6/20/2023 2:00	6/20/2023 10:55	8.9	0.27	0.03	0.12	7.7	6/20/2023 2:00	6/20/2023 22:50	20.9	0.10	0.17	7,440.005
7/13/2023 11:00	7/13/2023 11:10	0.2	0.24	1.44	2.04	554.1	7/13/2023 11:00	7/13/2023 23:10	12.3	0.01	0.01	441.000
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.01	0.01	483.000
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.01	0.01	483.000
7/24/2023 17:15	7/24/2023 19:00	1.8	0.33	0.19	0.48	179.9	7/24/2023 17:10	7/25/2023 6:55	13.8	0.04	0.17	1,863.004
8/7/2023 2:20	8/7/2023 3:55	1.6	0.13	0.08	0.36	319.6	8/7/2023 2:15	8/7/2023 15:55	13.8	0.02	0.06	855.000
8/22/2023 23:40	8/23/2023 3:15	3.6	0.06	0.02	0.12	380.0	8/22/2023 23:35	8/23/2023 15:10	15.7	0.01	0.02	741.000
8/29/2023 5:25	8/29/2023 7:50	2.4	0.07	0.03	0.12	149.6	8/29/2023 5:25	8/29/2023 15:10	9.8	0.02	0.04	845.999
8/29/2023 15:15	8/29/2023 18:10	2.9	0.28	0.10	0.36	8.3	8/29/2023 15:10	8/30/2023 6:10	15.1	0.06	0.21	3,398.997
9/18/2023 2:50	9/18/2023 7:30	4.7	0.10	0.02	0.12	464.9	9/18/2023 2:45	9/18/2023 19:30	16.8	0.03	0.06	1,665.003
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.08	0.17	6,882.011
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.03	0.05	2,256.003
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	0.26	1.08	38,864.970
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	0.25	0.48	12,548.990
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	0.76	2.56	90,861.030
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	0.52	0.86	35,697.050
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.08	0.17	6,882.011
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.03	0.05	2,256.003
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	0.25	0.48	12,548.990
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	0.76	2.56	90,861.030
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	0.52	0.86	35,697.050
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	0.26	1.08	38,864.970

Table D-4. Summary Statistics for Individual Storm Events at the TOSMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:35	10/22/2022 15:55	30.3	1.21	0.04	0.84	1117.3	10/21/2022 9:35	10/23/2022 3:55	42.4	0.91	3.55	139,221.000
10/24/2022 0:55	10/24/2022 17:20	16.4	0.20	0.01	0.36	33.6	10/24/2022 0:55	10/25/2022 5:15	28.4	0.38	0.79	38,927.900
10/25/2022 13:40	10/26/2022 1:00	11.3	0.37	0.03	0.24	21.2	10/25/2022 13:40	10/26/2022 12:55	23.3	0.61	2.08	51,272.840
10/27/2022 22:05	10/28/2022 8:40	10.6	0.73	0.07	0.48	46.0	10/27/2022 22:05	10/28/2022 20:35	22.6	1.08	3.55	87,881.740
10/30/2022 2:10	10/30/2022 4:15	2.1	0.05	0.02	0.12	41.8	10/30/2022 2:10	10/30/2022 16:15	14.2	0.28	0.43	14,498.970
10/30/2022 20:25	10/31/2022 7:00	10.6	0.73	0.07	0.36	17.4	10/30/2022 20:25	10/31/2022 19:00	22.7	1.30	4.36	106,454.800
11/2/2022 1:00	11/2/2022 5:25	4.4	0.15	0.03	0.24	42.7	11/2/2022 0:55	11/2/2022 17:25	16.6	0.44	1.29	26,165.960
11/3/2022 12:45	11/4/2022 3:35	14.8	0.66	0.04	0.12	33.7	11/3/2022 12:40	11/4/2022 15:30	26.9	0.92	2.37	89,366.830
11/4/2022 23:00	11/5/2022 6:00	7.0	0.06	0.01	0.24	19.8	11/4/2022 23:00	11/5/2022 18:00	19.1	0.38	0.79	26,348.930
11/6/2022 2:50	11/6/2022 9:40	6.8	0.84	0.12	0.24	27.7	11/6/2022 2:45	11/6/2022 21:40	19.0	1.99	6.55	136,011.200
11/6/2022 23:25	11/7/2022 5:25	6.0	0.21	0.04	0.24	14.1	11/6/2022 23:25	11/7/2022 16:40	17.3	0.93	2.37	57,818.930
11/7/2022 16:40	11/7/2022 16:50	0.2	0.03	0.18	0.12	12.5	11/7/2022 16:40	11/8/2022 4:50	12.3	0.49	0.73	21,552.010
11/9/2022 11:30	11/9/2022 13:25	1.9	0.03	0.02	0.24	48.8	11/9/2022 11:25	11/10/2022 1:25	14.1	0.37	0.37	18,758.980
11/22/2022 8:15	11/22/2022 16:35	8.3	1.08	0.13	0.60	357.6	11/22/2022 8:10	11/23/2022 4:30	20.4	2.21	7.69	162,593.800
11/25/2022 7:55	11/25/2022 17:05	9.2	0.90	0.10	0.24	63.7	11/25/2022 7:50	11/26/2022 5:00	21.3	2.01	4.58	153,441.200
11/27/2022 0:25	11/27/2022 6:45	6.3	0.21	0.03	0.84	32.6	11/27/2022 0:20	11/27/2022 18:40	18.4	0.79	2.84	52,044.050
11/28/2022 3:10	11/28/2022 9:05	5.9	0.08	0.01	0.24	23.2	11/28/2022 3:10	11/28/2022 21:00	17.9	0.55	0.85	35,331.000
11/29/2022 13:35	11/30/2022 22:55	33.3	1.65	0.05	0.24	34.2	11/29/2022 13:30	12/1/2022 10:50	45.4	1.86	5.03	303,555.100
12/1/2022 11:40	12/1/2022 16:00	4.3	0.08	0.02	0.12	17.7	12/1/2022 11:35	12/2/2022 3:55	16.4	0.76	0.99	44,864.990
12/2/2022 12:35	12/3/2022 16:45	28.2	0.55	0.02	0.12	22.6	12/2/2022 12:30	12/4/2022 4:40	40.3	0.82	1.21	119,193.300
12/4/2022 14:10	12/4/2022 20:05	5.9	0.07	0.01	0.12	23.5	12/4/2022 14:10	12/5/2022 8:00	17.9	0.59	0.67	38,355.070
12/5/2022 12:20	12/5/2022 22:50	10.5	0.10	0.01	0.12	18.8	12/5/2022 12:20	12/6/2022 10:50	22.6	0.64	0.73	52,419.000
12/6/2022 18:30	12/7/2022 6:45	12.3	0.12	0.01	0.12	26.2	12/6/2022 18:30	12/7/2022 18:40	24.3	0.78	0.99	68,435.840
12/8/2022 2:20	12/8/2022 12:05	9.8	0.25	0.03	0.12	23.0	12/8/2022 2:15	12/8/2022 20:10	18.0	0.89	1.81	57,542.950
12/8/2022 20:15	12/8/2022 22:55	2.7	0.04	0.02	0.12	12.7	12/8/2022 20:10	12/9/2022 3:20	7.3	0.70	0.99	18,258.000
12/9/2022 3:25	12/9/2022 6:55	3.5	0.08	0.02	0.24	7.2	12/9/2022 3:20	12/9/2022 16:15	13.0	0.69	1.21	32,127.010
12/9/2022 16:20	12/10/2022 23:30	31.2	0.80	0.03	0.12	9.7	12/9/2022 16:15	12/11/2022 11:25	43.3	1.05	1.94	164,088.200
12/12/2022 5:35	12/12/2022 6:50	1.3	0.05	0.04	0.12	35.7	12/12/2022 5:35	12/12/2022 18:45	13.3	0.58	0.92	27,506.990
12/17/2022 11:50	12/17/2022 23:45	11.9	0.16	0.01	0.12	125.9	12/17/2022 11:50	12/18/2022 7:25	19.7	0.54	0.79	38,472.020
12/18/2022 7:25	12/18/2022 7:50	0.4	0.04	0.10	0.12	9.0	12/18/2022 7:25	12/18/2022 14:35	7.3	0.49	0.55	12,669.000
12/18/2022 14:40	12/18/2022 20:20	5.7	0.06	0.01	0.12	7.2	12/18/2022 14:35	12/19/2022 8:15	17.8	0.54	0.85	34,245.000
12/19/2022 13:35	12/19/2022 16:05	2.5	0.05	0.02	0.12	22.5	12/19/2022 13:30	12/20/2022 4:05	14.7	0.50	0.50	26,274.000
12/20/2022 8:40	12/20/2022 14:25	5.8	0.18	0.03	0.24	18.8	12/20/2022 8:35	12/21/2022 2:25	17.9	0.81	2.22	52,044.080
12/23/2022 17:25	12/24/2022 20:15	26.8	1.88	0.07	0.36	79.3	12/23/2022 17:25	12/25/2022 6:55	37.6	2.39	8.93	323,126.800
12/25/2022 6:55	12/26/2022 9:40	26.8	1.06	0.04	1.08	11.2	12/25/2022 6:55	12/26/2022 18:40	35.8	2.14	5.51	276,279.200
12/26/2022 18:40	12/27/2022 23:30	28.8	1.32	0.05	0.24	10.0	12/26/2022 18:40	12/28/2022 11:30	40.9	2.19	5.27	322,191.600
12/28/2022 19:50	12/28/2022 23:25	3.6	0.05	0.01	0.24	21.8	12/28/2022 19:50	12/29/2022 11:25	15.7	0.84	1.06	47,576.950
12/29/2022 11:35	12/30/2022 22:55	35.3	0.66	0.02	0.48	12.8	12/29/2022 11:35	12/31/2022 10:50	47.3	1.10	3.19	187,100.200
1/5/2023 22:00	1/6/2023 1:50	3.8	0.07	0.02	0.12	149.1	1/5/2023 22:00	1/6/2023 11:55	14.0	0.54	0.73	27,065.990
1/6/2023 11:55	1/7/2023 18:05	30.2	0.26	0.01	0.12	11.2	1/6/2023 11:55	1/8/2023 5:55	42.1	0.47	0.67	71,909.880
1/8/2023 5:55	1/8/2023 21:40	15.8	0.41	0.03	0.24	16.2	1/8/2023 5:55	1/9/2023 9:40	27.8	0.86	3.95	86,528.860

Table D-4. Summary Statistics for Individual Storm Events at the TOSMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/9/2023 13:20	1/9/2023 23:55	10.6	0.43	0.04	0.24	20.8	1/9/2023 13:15	1/10/2023 11:55	22.8	0.93	2.84	76,112.880
1/11/2023 21:45	1/13/2023 16:40	42.9	0.89	0.02	0.24	47.1	1/11/2023 21:40	1/13/2023 22:10	48.6	0.89	1.94	155,979.700
1/13/2023 22:10	1/14/2023 4:20	6.2	0.10	0.02	0.12	7.6	1/13/2023 22:10	1/14/2023 16:15	18.2	0.71	1.14	46,239.000
1/14/2023 22:25	1/14/2023 23:15	0.8	0.06	0.07	0.12	22.7	1/14/2023 22:25	1/15/2023 11:15	12.9	0.62	1.06	28,683.050
1/15/2023 12:50	1/15/2023 21:30	8.7	0.33	0.04	0.12	14.1	1/15/2023 12:45	1/16/2023 9:30	20.8	0.86	1.57	64,448.900
1/17/2023 4:55	1/17/2023 5:55	1.0	0.03	0.03	0.12	32.2	1/17/2023 4:50	1/17/2023 17:55	13.2	0.51	0.55	24,000.000
1/17/2023 17:55	1/17/2023 21:55	4.0	0.08	0.02	0.12	45.2	1/17/2023 17:55	1/18/2023 4:15	10.4	0.58	0.73	21,806.980
1/18/2023 4:15	1/19/2023 1:10	20.9	0.65	0.03	0.84	8.6	1/18/2023 4:15	1/19/2023 13:05	32.9	1.08	4.36	127,476.200
1/21/2023 11:20	1/22/2023 3:55	16.6	0.45	0.03	0.24	60.1	1/21/2023 11:20	1/22/2023 15:55	28.7	0.84	2.08	86,630.660
1/24/2023 18:00	1/25/2023 6:45	12.8	0.11	0.01	0.12	64.5	1/24/2023 17:55	1/25/2023 18:40	24.8	0.53	0.79	47,219.960
1/26/2023 19:05	1/27/2023 7:40	12.6	0.43	0.03	0.24	44.0	1/26/2023 19:05	1/27/2023 19:40	24.7	0.89	2.22	79,103.990
1/27/2023 21:25	1/28/2023 1:45	4.3	0.06	0.01	0.12	15.1	1/27/2023 21:20	1/28/2023 13:40	16.4	0.62	0.79	36,669.050
2/3/2023 12:25	2/4/2023 2:35	14.2	0.44	0.03	0.24	159.0	2/3/2023 12:20	2/4/2023 14:35	26.3	0.87	2.08	82,265.800
2/4/2023 14:50	2/4/2023 21:55	7.1	0.08	0.01	0.12	18.8	2/4/2023 14:45	2/5/2023 9:55	19.3	0.62	0.92	42,867.050
2/5/2023 11:55	2/5/2023 20:10	8.3	0.23	0.03	0.12	15.7	2/5/2023 11:55	2/6/2023 8:10	20.3	0.84	1.57	61,499.980
2/7/2023 7:05	2/7/2023 12:50	5.8	0.14	0.02	0.24	35.5	2/7/2023 7:05	2/8/2023 0:50	17.8	0.69	1.69	44,409.040
2/9/2023 22:15	2/10/2023 3:50	5.6	0.12	0.02	0.12	57.6	2/9/2023 22:15	2/10/2023 15:45	17.6	0.64	1.21	40,248.080
2/13/2023 14:45	2/13/2023 21:25	6.7	0.30	0.05	0.48	87.2	2/13/2023 14:45	2/14/2023 9:20	18.7	0.89	2.68	59,489.980
2/17/2023 3:35	2/17/2023 17:25	13.8	0.28	0.02	0.12	81.9	2/17/2023 3:30	2/18/2023 5:25	26.0	0.72	1.29	67,110.050
2/19/2023 3:40	2/20/2023 11:00	31.3	0.66	0.02	0.12	39.1	2/19/2023 3:40	2/20/2023 23:00	43.4	0.95	1.94	148,467.300
2/21/2023 13:25	2/21/2023 14:15	0.8	0.11	0.13	0.24	27.5	2/21/2023 13:25	2/22/2023 2:10	12.8	0.72	1.37	33,293.990
2/22/2023 5:25	2/22/2023 10:30	5.1	0.10	0.02	0.12	15.4	2/22/2023 5:25	2/22/2023 22:30	17.2	0.71	0.92	43,752.000
2/25/2023 23:30	2/26/2023 10:55	11.4	0.37	0.03	0.24	85.2	2/25/2023 23:25	2/26/2023 22:55	23.6	0.85	1.69	72,287.950
2/27/2023 23:30	2/28/2023 3:00	3.5	0.08	0.02	0.12	36.7	2/27/2023 23:25	2/28/2023 9:45	10.4	0.65	0.92	24,258.010
2/28/2023 9:50	2/28/2023 15:05	5.3	0.15	0.03	0.24	9.9	2/28/2023 9:45	3/1/2023 3:05	17.4	0.68	1.45	42,501.060
3/1/2023 21:00	3/2/2023 16:55	19.9	0.36	0.02	0.12	30.1	3/1/2023 20:55	3/3/2023 4:50	32.0	0.81	2.08	93,803.970
3/3/2023 14:45	3/3/2023 17:15	2.5	0.08	0.03	0.12	24.7	3/3/2023 14:45	3/3/2023 22:50	8.2	0.67	1.14	19,767.000
3/3/2023 22:55	3/4/2023 14:25	15.5	0.32	0.02	0.12	6.3	3/3/2023 22:50	3/5/2023 2:25	27.7	0.92	2.22	91,886.860
3/5/2023 19:55	3/5/2023 23:40	3.8	0.30	0.08	0.36	34.2	3/5/2023 19:55	3/6/2023 11:35	15.8	1.06	2.22	60,026.960
3/10/2023 2:45	3/10/2023 4:35	1.8	0.09	0.05	0.12	99.5	3/10/2023 2:45	3/10/2023 16:30	13.8	0.57	0.99	28,250.990
3/10/2023 17:10	3/11/2023 3:05	9.9	0.15	0.02	0.24	13.8	3/10/2023 17:10	3/11/2023 15:00	21.9	0.57	1.14	44,835.000
3/12/2023 14:20	3/13/2023 12:05	21.8	0.82	0.04	0.24	35.4	3/12/2023 14:15	3/14/2023 0:00	33.8	1.28	4.36	156,057.000
3/15/2023 2:30	3/15/2023 5:10	2.7	0.08	0.03	0.12	39.8	3/15/2023 2:30	3/15/2023 17:10	14.8	0.66	1.37	34,782.050
3/20/2023 1:30	3/20/2023 14:00	12.5	0.22	0.02	0.12	116.6	3/20/2023 1:25	3/21/2023 2:00	24.7	0.74	1.06	65,915.980
3/23/2023 11:45	3/23/2023 16:50	5.1	0.06	0.01	0.12	70.4	3/23/2023 11:45	3/24/2023 4:50	17.2	0.59	0.79	36,708.080
3/24/2023 17:15	3/25/2023 0:50	7.6	0.64	0.08	0.48	28.1	3/24/2023 17:10	3/25/2023 12:50	19.8	1.72	4.58	122,639.800
3/31/2023 11:15	3/31/2023 22:55	11.7	0.30	0.03	0.24	156.7	3/31/2023 11:10	4/1/2023 10:50	23.8	0.90	1.81	76,802.970
4/2/2023 0:45	4/2/2023 7:20	6.6	0.12	0.02	0.24	27.5	4/2/2023 0:40	4/2/2023 17:25	16.8	0.74	1.37	44,921.980
4/2/2023 17:25	4/2/2023 23:40	6.3	0.45	0.07	0.36	10.8	4/2/2023 17:25	4/3/2023 9:10	15.8	1.72	4.58	98,250.030
4/3/2023 9:15	4/3/2023 11:50	2.6	0.05	0.02	0.12	13.3	4/3/2023 9:10	4/3/2023 23:35	14.5	0.95	1.29	49,742.970
4/3/2023 23:35	4/4/2023 3:30	3.9	0.17	0.04	0.12	14.1	4/3/2023 23:35	4/4/2023 15:30	16.0	1.10	2.52	63,330.010

Table D-4. Summary Statistics for Individual Storm Events at the TOSMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/6/2023 5:55	4/7/2023 9:15	27.3	0.63	0.02	0.12	51.8	4/6/2023 5:55	4/7/2023 21:10	39.3	1.28	2.37	181,940.400
4/8/2023 11:35	4/8/2023 13:55	2.3	0.07	0.03	0.12	30.0	4/8/2023 11:35	4/8/2023 21:05	9.6	0.88	1.21	30,282.010
4/8/2023 21:05	4/10/2023 0:20	27.3	0.52	0.02	0.12	8.5	4/8/2023 21:05	4/10/2023 6:40	33.7	1.28	2.37	155,160.000
4/10/2023 6:40	4/11/2023 2:25	19.8	0.56	0.03	0.12	8.0	4/10/2023 6:40	4/11/2023 5:45	23.2	1.95	2.84	162,236.900
4/11/2023 5:50	4/11/2023 10:20	4.5	0.05	0.01	0.12	7.1	4/11/2023 5:45	4/11/2023 22:15	16.6	1.25	1.81	74,871.070
4/16/2023 8:15	4/16/2023 16:00	7.8	0.23	0.03	0.12	121.7	4/16/2023 8:10	4/16/2023 22:25	14.3	1.05	2.08	54,395.910
4/16/2023 22:30	4/17/2023 3:05	4.6	0.07	0.02	0.24	10.8	4/16/2023 22:25	4/17/2023 14:25	16.1	0.80	1.45	46,338.040
4/17/2023 14:25	4/17/2023 20:15	5.8	0.15	0.03	0.36	15.8	4/17/2023 14:25	4/18/2023 2:45	12.4	0.95	1.81	42,263.990
4/18/2023 2:50	4/18/2023 4:55	2.1	0.05	0.02	0.12	6.9	4/18/2023 2:45	4/18/2023 11:00	8.3	0.86	1.14	25,746.000
4/18/2023 11:00	4/18/2023 12:50	1.8	0.03	0.02	0.12	7.8	4/18/2023 11:00	4/18/2023 17:15	6.3	0.75	0.85	17,148.000
4/18/2023 17:20	4/18/2023 17:40	0.3	0.06	0.18	0.24	12.4	4/18/2023 17:15	4/19/2023 2:25	9.3	0.82	1.29	27,462.040
4/19/2023 2:25	4/19/2023 7:25	5.0	0.07	0.01	0.12	9.0	4/19/2023 2:25	4/19/2023 19:25	17.1	0.80	1.21	49,157.980
4/20/2023 15:35	4/20/2023 21:25	5.8	0.25	0.04	0.12	33.9	4/20/2023 15:30	4/21/2023 9:20	17.9	1.05	2.08	67,493.940
4/22/2023 18:55	4/23/2023 8:00	13.1	0.38	0.03	0.24	46.8	4/22/2023 18:55	4/23/2023 20:00	25.2	1.10	2.37	100,068.200
4/23/2023 20:30	4/24/2023 5:15	8.8	0.20	0.02	0.12	13.2	4/23/2023 20:25	4/24/2023 17:10	20.8	1.09	1.69	81,993.050
5/4/2023 19:00	5/5/2023 20:25	25.4	0.64	0.03	0.12	255.8	5/4/2023 18:55	5/5/2023 23:05	28.3	1.18	2.68	120,129.100
5/5/2023 23:05	5/6/2023 5:55	6.8	0.06	0.01	0.12	7.3	5/5/2023 23:05	5/6/2023 15:40	16.7	0.77	0.92	46,236.000
5/6/2023 15:45	5/6/2023 16:50	1.1	0.04	0.04	0.12	13.4	5/6/2023 15:40	5/7/2023 4:50	13.3	0.70	0.99	33,425.950
5/15/2023 21:35	5/16/2023 1:20	3.8	0.03	0.01	0.12	221.8	5/15/2023 21:30	5/16/2023 13:15	15.8	0.39	0.50	22,476.020
5/21/2023 17:45	5/22/2023 6:50	13.1	0.19	0.01	0.12	362.0	5/21/2023 17:45	5/22/2023 18:45	25.1	0.59	1.21	53,264.860
6/9/2023 4:35	6/10/2023 12:05	31.5	0.53	0.02	0.12	430.9	6/9/2023 4:30	6/11/2023 0:00	43.6	0.66	1.94	103,508.800
6/16/2023 17:00	6/16/2023 22:10	5.2	0.19	0.04	0.36	149.9	6/16/2023 17:00	6/17/2023 10:10	17.3	0.60	2.37	37,413.040
6/17/2023 10:25	6/17/2023 11:50	1.4	0.04	0.03	0.12	15.8	6/17/2023 10:25	6/17/2023 21:10	10.8	0.44	0.79	17,114.990
6/17/2023 21:15	6/18/2023 3:20	6.1	0.04	0.01	0.24	10.8	6/17/2023 21:10	6/18/2023 13:00	15.9	0.46	0.73	26,109.020
6/18/2023 13:00	6/18/2023 18:45	5.8	0.21	0.04	0.36	15.7	6/18/2023 13:00	6/19/2023 6:40	17.8	0.64	2.22	40,769.980
6/19/2023 17:50	6/20/2023 1:25	7.6	0.11	0.01	0.24	23.3	6/19/2023 17:45	6/20/2023 2:10	8.5	0.61	1.14	18,603.000
6/20/2023 2:10	6/20/2023 16:30	14.3	0.34	0.02	0.12	7.8	6/20/2023 2:10	6/21/2023 4:25	26.3	0.86	1.57	81,857.960
7/24/2023 17:30	7/25/2023 0:30	7.0	0.32	0.05	0.84	819.7	7/24/2023 17:25	7/25/2023 12:30	19.2	0.69	3.75	47,336.980
8/7/2023 2:00	8/7/2023 9:30	7.5	0.11	0.01	0.36	319.2	8/7/2023 2:00	8/7/2023 21:30	19.6	0.41	1.14	28,553.990
8/22/2023 23:30	8/23/2023 3:00	3.5	0.09	0.03	0.36	380.1	8/22/2023 23:30	8/23/2023 14:55	15.5	0.41	1.14	23,127.030
8/24/2023 10:15	8/24/2023 10:15	0.0	0.02	0.00	0.24	33.6	8/24/2023 10:15	8/24/2023 22:15	12.1	0.23	0.26	10,169.990
8/29/2023 15:40	8/29/2023 18:10	2.5	0.25	0.10	0.24	159.0	8/29/2023 15:40	8/30/2023 6:10	14.6	0.67	2.37	35,136.010
9/18/2023 3:00	9/18/2023 4:45	1.8	0.16	0.09	0.24	465.2	9/18/2023 3:00	9/18/2023 16:40	13.8	0.39	1.14	19,503.010
9/19/2023 19:30	9/20/2023 7:05	11.6	0.41	0.04	0.36	39.1	9/19/2023 19:25	9/20/2023 19:05	23.8	0.63	1.57	53,822.910
9/23/2023 12:55	9/23/2023 20:10	7.3	0.12	0.02	0.24	79.7	9/23/2023 12:55	9/24/2023 8:10	19.3	0.32	0.92	22,518.010
9/24/2023 14:10	9/26/2023 1:50	35.7	1.75	0.05	2.88	21.2	9/24/2023 14:10	9/26/2023 12:40	46.6	1.31	7.69	219,504.000
9/26/2023 12:40	9/27/2023 2:05	13.4	0.44	0.03	0.36	16.2	9/26/2023 12:40	9/27/2023 2:15	13.7	1.23	2.52	60,422.970
9/27/2023 2:20	9/27/2023 9:15	6.9	0.48	0.07	0.24	6.3	9/27/2023 2:15	9/27/2023 15:40	13.5	1.58	2.84	76,940.990
9/27/2023 15:40	9/27/2023 20:35	4.9	1.15	0.23	1.92	7.2	9/27/2023 15:40	9/28/2023 2:25	10.8	3.28	14.19	127,880.900
9/28/2023 2:30	9/28/2023 9:25	6.9	0.17	0.02	0.48	6.3	9/28/2023 2:25	9/28/2023 13:05	10.8	1.70	3.55	65,841.010
9/28/2023 13:10	9/28/2023 19:05	5.9	0.32	0.05	0.96	8.1	9/28/2023 13:05	9/29/2023 7:05	18.1	1.19	2.37	77,183.980

Table D-5. Summary Statistics for Individual Storm Events at the TOSMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:35	10/22/2022 15:55	30.3	1.21	0.04	0.84	1117.3	10/21/2022 9:35	10/23/2022 3:55	42.4	1.14	4.60	174,063.000
10/24/2022 0:55	10/24/2022 17:20	16.4	0.20	0.01	0.36	33.6	10/24/2022 0:55	10/25/2022 5:15	28.4	0.27	1.02	27,105.070
10/25/2022 13:40	10/26/2022 1:00	11.3	0.37	0.03	0.24	21.2	10/25/2022 13:40	10/26/2022 12:55	23.3	0.62	2.94	51,914.950
10/27/2022 22:05	10/28/2022 8:40	10.6	0.73	0.07	0.48	46.0	10/27/2022 22:05	10/28/2022 20:35	22.6	1.51	4.60	122,553.200
10/30/2022 2:10	10/30/2022 4:15	2.1	0.05	0.02	0.12	41.8	10/30/2022 2:10	10/30/2022 16:15	14.2	0.24	0.56	12,038.990
10/30/2022 20:25	10/31/2022 7:00	10.6	0.73	0.07	0.36	17.4	10/30/2022 20:25	10/31/2022 19:00	22.7	1.67	4.88	136,407.200
11/2/2022 1:00	11/2/2022 5:25	4.4	0.15	0.03	0.24	42.7	11/2/2022 0:55	11/2/2022 17:25	16.6	0.45	2.20	27,132.080
11/3/2022 12:45	11/4/2022 3:35	14.8	0.66	0.04	0.12	33.7	11/3/2022 12:40	11/4/2022 15:30	26.9	1.27	2.94	123,165.100
11/4/2022 23:00	11/5/2022 6:00	7.0	0.06	0.01	0.24	19.8	11/4/2022 23:00	11/5/2022 18:00	19.1	0.36	1.46	24,626.970
11/6/2022 2:50	11/6/2022 9:40	6.8	0.84	0.12	0.24	27.7	11/6/2022 2:45	11/6/2022 21:40	19.0	2.22	5.17	152,169.100
11/6/2022 23:25	11/7/2022 5:25	6.0	0.21	0.04	0.24	14.1	11/6/2022 23:25	11/7/2022 16:40	17.3	0.99	2.94	61,898.880
11/7/2022 16:40	11/7/2022 16:50	0.2	0.03	0.18	0.12	12.5	11/7/2022 16:40	11/8/2022 4:50	12.3	0.31	0.66	13,503.000
11/9/2022 11:30	11/9/2022 13:25	1.9	0.03	0.02	0.24	48.8	11/9/2022 11:25	11/10/2022 1:25	14.1	0.15	0.19	7,688.988
11/22/2022 8:15	11/22/2022 16:35	8.3	1.08	0.13	0.60	357.6	11/22/2022 8:10	11/23/2022 4:30	20.4	2.09	5.79	153,555.100
11/25/2022 7:55	11/25/2022 17:05	9.2	0.90	0.10	0.24	63.7	11/25/2022 7:50	11/26/2022 5:00	21.3	2.02	4.07	154,614.100
11/27/2022 0:25	11/27/2022 6:45	6.3	0.21	0.03	0.84	32.6	11/27/2022 0:20	11/27/2022 18:40	18.4	0.62	3.36	40,772.910
11/28/2022 3:10	11/28/2022 9:05	5.9	0.08	0.01	0.24	23.2	11/28/2022 3:10	11/28/2022 21:00	17.9	0.28	0.76	18,188.960
11/29/2022 13:35	11/30/2022 22:55	33.3	1.65	0.05	0.24	34.2	11/29/2022 13:30	12/1/2022 10:50	45.4	1.98	4.60	323,848.000
12/1/2022 11:40	12/1/2022 16:00	4.3	0.08	0.02	0.12	17.7	12/1/2022 11:35	12/2/2022 3:55	16.4	0.56	1.02	33,047.980
12/2/2022 12:35	12/3/2022 16:45	28.2	0.55	0.02	0.12	22.6	12/2/2022 12:30	12/4/2022 4:40	40.3	0.66	1.34	96,251.950
12/4/2022 14:10	12/4/2022 20:05	5.9	0.07	0.01	0.12	23.5	12/4/2022 14:10	12/5/2022 8:00	17.9	0.33	0.48	21,431.970
12/5/2022 12:20	12/5/2022 22:50	10.5	0.10	0.01	0.12	18.8	12/5/2022 12:20	12/6/2022 10:50	22.6	0.40	0.56	32,177.890
12/6/2022 18:30	12/7/2022 6:45	12.3	0.12	0.01	0.12	26.2	12/6/2022 18:30	12/7/2022 18:40	24.3	0.64	1.17	55,514.950
12/8/2022 2:20	12/8/2022 12:05	9.8	0.25	0.03	0.12	23.0	12/8/2022 2:15	12/8/2022 20:10	18.0	0.80	2.20	51,842.820
12/8/2022 20:15	12/8/2022 22:55	2.7	0.04	0.02	0.12	12.7	12/8/2022 20:10	12/9/2022 3:20	7.3	0.49	1.17	12,915.000
12/9/2022 3:25	12/9/2022 6:55	3.5	0.08	0.02	0.24	7.2	12/9/2022 3:20	12/9/2022 16:15	13.0	0.47	1.59	21,992.980
12/9/2022 16:20	12/10/2022 23:30	31.2	0.80	0.03	0.12	9.7	12/9/2022 16:15	12/11/2022 11:25	43.3	1.31	2.55	204,018.100
12/12/2022 5:35	12/12/2022 6:50	1.3	0.05	0.04	0.12	35.7	12/12/2022 5:35	12/12/2022 18:45	13.3	0.38	1.02	18,104.970
12/17/2022 11:50	12/17/2022 23:45	11.9	0.16	0.01	0.12	125.9	12/17/2022 11:50	12/18/2022 7:25	19.7	0.37	1.02	26,097.010
12/18/2022 7:25	12/18/2022 7:50	0.4	0.04	0.10	0.12	9.0	12/18/2022 7:25	12/18/2022 14:35	7.3	0.27	0.48	7,049.994
12/18/2022 14:40	12/18/2022 20:20	5.7	0.06	0.01	0.12	7.2	12/18/2022 14:35	12/19/2022 8:15	17.8	0.35	1.02	22,179.020
12/19/2022 13:35	12/19/2022 16:05	2.5	0.05	0.02	0.12	22.5	12/19/2022 13:30	12/20/2022 4:05	14.7	0.28	0.34	14,984.990
12/20/2022 8:40	12/20/2022 14:25	5.8	0.18	0.03	0.24	18.8	12/20/2022 8:35	12/21/2022 2:25	17.9	0.75	3.14	48,506.910
12/23/2022 17:25	12/24/2022 20:15	26.8	1.88	0.07	0.36	79.3	12/23/2022 17:25	12/25/2022 6:55	37.6	2.43	7.22	328,934.800
12/25/2022 6:55	12/26/2022 9:40	26.8	1.06	0.04	1.08	11.2	12/25/2022 6:55	12/26/2022 18:40	35.8	2.35	4.88	303,135.300
12/26/2022 18:40	12/27/2022 23:30	28.8	1.32	0.05	0.24	10.0	12/26/2022 18:40	12/28/2022 11:30	40.9	2.35	4.33	346,883.100
12/28/2022 19:50	12/28/2022 23:25	3.6	0.05	0.01	0.24	21.8	12/28/2022 19:50	12/29/2022 11:25	15.7	0.69	1.46	38,793.050
12/29/2022 11:35	12/30/2022 22:55	35.3	0.66	0.02	0.48	12.8	12/29/2022 11:35	12/31/2022 10:50	47.3	1.01	3.82	171,695.900
1/5/2023 22:00	1/6/2023 1:50	3.8	0.07	0.02	0.12	149.1	1/5/2023 22:00	1/6/2023 11:55	14.0	0.29	0.66	14,630.990
1/6/2023 11:55	1/7/2023 18:05	30.2	0.26	0.01	0.12	11.2	1/6/2023 11:55	1/8/2023 5:55	42.1	0.37	0.89	55,301.860
1/8/2023 5:55	1/8/2023 21:40	15.8	0.41	0.03	0.24	16.2	1/8/2023 5:55	1/9/2023 9:40	27.8	0.86	2.74	85,787.800
1/9/2023 13:20	1/9/2023 23:55	10.6	0.43	0.04	0.24	20.8	1/9/2023 13:15	1/10/2023 11:55	22.8	1.10	3.36	90,450.160
1/11/2023 21:45	1/13/2023 16:40	42.9	0.89	0.02	0.24	47.1	1/11/2023 21:40	1/13/2023 22:10	48.6	1.11	2.74	194,115.500
1/13/2023 22:10	1/14/2023 4:20	6.2	0.10	0.02	0.12	7.6	1/13/2023 22:10	1/14/2023 16:15	18.2	0.69	1.73	45,305.960

Table D-5. Summary Statistics for Individual Storm Events at the TOSMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/14/2023 22:25	1/14/2023 23:15	0.8	0.06	0.07	0.12	22.7	1/14/2023 22:25	1/15/2023 11:15	12.9	0.50	1.59	23,430.000
1/15/2023 12:50	1/15/2023 21:30	8.7	0.33	0.04	0.12	14.1	1/15/2023 12:45	1/16/2023 9:30	20.8	0.99	2.20	74,279.910
1/17/2023 4:55	1/17/2023 5:55	1.0	0.03	0.03	0.12	32.2	1/17/2023 4:50	1/17/2023 17:55	13.2	0.27	0.34	12,597.000
1/17/2023 17:55	1/17/2023 21:55	4.0	0.08	0.02	0.12	45.2	1/17/2023 17:55	1/18/2023 4:15	10.4	0.38	0.76	14,093.990
1/18/2023 4:15	1/19/2023 1:10	20.9	0.65	0.03	0.84	8.6	1/18/2023 4:15	1/19/2023 13:05	32.9	1.19	4.60	140,676.300
1/21/2023 11:20	1/22/2023 3:55	16.6	0.45	0.03	0.24	60.1	1/21/2023 11:20	1/22/2023 15:55	28.7	0.77	2.20	79,439.810
1/24/2023 18:00	1/25/2023 6:45	12.8	0.11	0.01	0.12	64.5	1/24/2023 17:55	1/25/2023 18:40	24.8	0.33	0.76	29,460.030
1/26/2023 19:05	1/27/2023 7:40	12.6	0.43	0.03	0.24	44.0	1/26/2023 19:05	1/27/2023 19:40	24.7	0.91	2.55	80,393.940
1/27/2023 21:25	1/28/2023 1:45	4.3	0.06	0.01	0.12	15.1	1/27/2023 21:20	1/28/2023 13:40	16.4	0.48	0.89	28,397.960
2/3/2023 12:25	2/4/2023 2:35	14.2	0.44	0.03	0.24	159.0	2/3/2023 12:20	2/4/2023 14:35	26.3	0.74	2.37	69,833.910
2/4/2023 14:50	2/4/2023 21:55	7.1	0.08	0.01	0.12	18.8	2/4/2023 14:45	2/5/2023 9:55	19.3	0.36	0.89	24,917.980
2/5/2023 11:55	2/5/2023 20:10	8.3	0.23	0.03	0.12	15.7	2/5/2023 11:55	2/6/2023 8:10	20.3	0.70	1.88	51,281.890
2/7/2023 7:05	2/7/2023 12:50	5.8	0.14	0.02	0.24	35.5	2/7/2023 7:05	2/8/2023 0:50	17.8	0.44	2.03	28,359.030
2/9/2023 22:15	2/10/2023 3:50	5.6	0.12	0.02	0.12	57.6	2/9/2023 22:15	2/10/2023 15:45	17.6	0.38	1.46	24,012.060
2/13/2023 14:45	2/13/2023 21:25	6.7	0.30	0.05	0.48	87.2	2/13/2023 14:45	2/14/2023 9:20	18.7	0.76	2.74	51,155.920
2/17/2023 3:35	2/17/2023 17:25	13.8	0.28	0.02	0.12	81.9	2/17/2023 3:30	2/18/2023 5:25	26.0	0.52	1.46	48,398.900
2/19/2023 3:40	2/20/2023 11:00	31.3	0.66	0.02	0.12	39.1	2/19/2023 3:40	2/20/2023 23:00	43.4	0.86	2.20	134,508.300
2/21/2023 13:25	2/21/2023 14:15	0.8	0.11	0.13	0.24	27.5	2/21/2023 13:25	2/22/2023 2:10	12.8	0.49	1.73	22,490.980
2/22/2023 5:25	2/22/2023 10:30	5.1	0.10	0.02	0.12	15.4	2/22/2023 5:25	2/22/2023 22:30	17.2	0.44	0.76	26,981.960
2/25/2023 23:30	2/26/2023 10:55	11.4	0.37	0.03	0.24	85.2	2/25/2023 23:25	2/26/2023 22:55	23.6	0.69	1.88	58,241.900
2/27/2023 23:30	2/28/2023 3:00	3.5	0.08	0.02	0.12	36.7	2/27/2023 23:25	2/28/2023 9:45	10.4	0.38	0.76	14,141.990
2/28/2023 9:50	2/28/2023 15:05	5.3	0.15	0.03	0.24	9.9	2/28/2023 9:45	3/1/2023 3:05	17.4	0.43	1.73	27,015.030
3/1/2023 21:00	3/2/2023 16:55	19.9	0.36	0.02	0.12	30.1	3/1/2023 20:55	3/3/2023 4:50	32.0	0.63	2.03	72,008.880
3/3/2023 14:45	3/3/2023 17:15	2.5	0.08	0.03	0.12	24.7	3/3/2023 14:45	3/3/2023 22:50	8.2	0.42	1.17	12,372.000
3/3/2023 22:55	3/4/2023 14:25	15.5	0.32	0.02	0.12	6.3	3/3/2023 22:50	3/5/2023 2:25	27.7	0.80	2.20	79,253.780
3/5/2023 19:55	3/5/2023 23:40	3.8	0.30	0.08	0.36	34.2	3/5/2023 19:55	3/6/2023 11:35	15.8	0.95	2.20	53,600.900
3/10/2023 2:45	3/10/2023 4:35	1.8	0.09	0.05	0.12	99.5	3/10/2023 2:45	3/10/2023 16:30	13.8	0.29	0.89	14,546.970
3/10/2023 17:10	3/11/2023 3:05	9.9	0.15	0.02	0.24	13.8	3/10/2023 17:10	3/11/2023 15:00	21.9	0.30	1.34	23,562.040
3/12/2023 14:20	3/13/2023 12:05	21.8	0.82	0.04	0.24	35.4	3/12/2023 14:15	3/14/2023 0:00	33.8	1.26	4.07	153,354.300
3/15/2023 2:30	3/15/2023 5:10	2.7	0.08	0.03	0.12	39.8	3/15/2023 2:30	3/15/2023 17:10	14.8	0.39	1.46	20,780.980
3/20/2023 1:30	3/20/2023 14:00	12.5	0.22	0.02	0.12	116.6	3/20/2023 1:25	3/21/2023 2:00	24.7	0.33	0.76	29,076.070
3/23/2023 11:45	3/23/2023 16:50	5.1	0.06	0.01	0.12	70.4	3/23/2023 11:45	3/24/2023 4:50	17.2	0.22	0.48	13,421.980
3/24/2023 17:15	3/25/2023 0:50	7.6	0.64	0.08	0.48	28.1	3/24/2023 17:10	3/25/2023 12:50	19.8	1.42	3.82	100,701.100
3/31/2023 11:15	3/31/2023 22:55	11.7	0.30	0.03	0.24	156.7	3/31/2023 11:10	4/1/2023 10:50	23.8	0.50	1.59	42,485.930
4/2/2023 0:45	4/2/2023 7:20	6.6	0.12	0.02	0.24	27.5	4/2/2023 0:40	4/2/2023 17:25	16.8	0.31	1.17	18,863.970
4/2/2023 17:25	4/2/2023 23:40	6.3	0.45	0.07	0.36	10.8	4/2/2023 17:25	4/3/2023 9:10	15.8	1.45	4.33	82,397.980
4/3/2023 9:15	4/3/2023 11:50	2.6	0.05	0.02	0.12	13.3	4/3/2023 9:10	4/3/2023 23:35	14.5	0.51	1.02	26,676.010
4/3/2023 23:35	4/4/2023 3:30	3.9	0.17	0.04	0.12	14.1	4/3/2023 23:35	4/4/2023 15:30	16.0	0.66	2.20	38,097.000
4/6/2023 5:55	4/7/2023 9:15	27.3	0.63	0.02	0.12	51.8	4/6/2023 5:55	4/7/2023 21:10	39.3	0.92	2.20	129,819.000
4/8/2023 11:35	4/8/2023 13:55	2.3	0.07	0.03	0.12	30.0	4/8/2023 11:35	4/8/2023 21:05	9.6	0.41	0.89	14,186.990
4/8/2023 21:05	4/10/2023 0:20	27.3	0.52	0.02	0.12	8.5	4/8/2023 21:05	4/10/2023 6:40	33.7	0.90	2.20	108,966.100
4/10/2023 6:40	4/11/2023 2:25	19.8	0.56	0.03	0.12	8.0	4/10/2023 6:40	4/11/2023 5:45	23.2	1.79	2.74	149,486.900
4/11/2023 5:50	4/11/2023 10:20	4.5	0.05	0.01	0.12	7.1	4/11/2023 5:45	4/11/2023 22:15	16.6	0.98	1.73	58,631.950
4/16/2023 8:15	4/16/2023 16:00	7.8	0.23	0.03	0.12	121.7	4/16/2023 8:10	4/16/2023 22:25	14.3	0.62	1.73	32,027.990

Table D-5. Summary Statistics for Individual Storm Events at the TOSMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/16/2023 22:30	4/17/2023 3:05	4.6	0.07	0.02	0.24	10.8	4/16/2023 22:25	4/17/2023 14:25	16.1	0.33	1.17	19,013.970
4/17/2023 14:25	4/17/2023 20:15	5.8	0.15	0.03	0.36	15.8	4/17/2023 14:25	4/18/2023 2:45	12.4	0.49	1.73	21,767.990
4/18/2023 2:50	4/18/2023 4:55	2.1	0.05	0.02	0.12	6.9	4/18/2023 2:45	4/18/2023 11:00	8.3	0.38	0.66	11,303.990
4/18/2023 11:00	4/18/2023 12:50	1.8	0.03	0.02	0.12	7.8	4/18/2023 11:00	4/18/2023 17:15	6.3	0.28	0.34	6,471.000
4/18/2023 17:20	4/18/2023 17:40	0.3	0.06	0.18	0.24	12.4	4/18/2023 17:15	4/19/2023 2:25	9.3	0.35	1.02	11,643.000
4/19/2023 2:25	4/19/2023 7:25	5.0	0.07	0.01	0.12	9.0	4/19/2023 2:25	4/19/2023 19:25	17.1	0.32	0.76	19,859.990
4/20/2023 15:35	4/20/2023 21:25	5.8	0.25	0.04	0.12	33.9	4/20/2023 15:30	4/21/2023 9:20	17.9	0.65	1.88	42,173.990
4/22/2023 18:55	4/23/2023 8:00	13.1	0.38	0.03	0.24	46.8	4/22/2023 18:55	4/23/2023 20:00	25.2	0.69	2.20	62,729.840
4/23/2023 20:30	4/24/2023 5:15	8.8	0.20	0.02	0.12	13.2	4/23/2023 20:25	4/24/2023 17:10	20.8	0.68	1.46	50,690.890
5/4/2023 19:00	5/5/2023 20:25	25.4	0.64	0.03	0.12	255.8	5/4/2023 18:55	5/5/2023 23:05	28.3	0.83	2.37	84,848.980
5/5/2023 23:05	5/6/2023 5:55	6.8	0.06	0.01	0.12	7.3	5/5/2023 23:05	5/6/2023 15:40	16.7	0.34	0.48	20,106.000
5/6/2023 15:45	5/6/2023 16:50	1.1	0.04	0.04	0.12	13.4	5/6/2023 15:40	5/7/2023 4:50	13.3	0.26	0.56	12,473.990
5/15/2023 21:35	5/16/2023 1:20	3.8	0.03	0.01	0.12	221.8	5/15/2023 21:30	5/16/2023 13:15	15.8	0.10	0.15	5,952.009
5/21/2023 17:45	5/22/2023 6:50	13.1	0.19	0.01	0.12	362.0	5/21/2023 17:45	5/22/2023 18:45	25.1	0.25	0.89	22,752.060
6/9/2023 4:35	6/10/2023 12:05	31.5	0.53	0.02	0.12	430.9	6/9/2023 4:30	6/11/2023 0:00	43.6	0.41	2.03	64,022.830
6/16/2023 17:00	6/16/2023 22:10	5.2	0.19	0.04	0.36	149.9	6/16/2023 17:00	6/17/2023 10:10	17.3	0.44	2.55	27,162.080
6/17/2023 10:25	6/17/2023 11:50	1.4	0.04	0.03	0.12	15.8	6/17/2023 10:25	6/17/2023 21:10	10.8	0.25	0.66	9,582.008
6/17/2023 21:15	6/18/2023 3:20	6.1	0.04	0.01	0.24	10.8	6/17/2023 21:10	6/18/2023 13:00	15.9	0.26	0.48	14,882.970
6/18/2023 13:00	6/18/2023 18:45	5.8	0.21	0.04	0.36	15.7	6/18/2023 13:00	6/19/2023 6:40	17.8	0.51	2.55	32,405.990
6/19/2023 17:50	6/20/2023 1:25	7.6	0.11	0.01	0.24	23.3	6/19/2023 17:45	6/20/2023 2:10	8.5	0.47	1.17	14,270.990
6/20/2023 2:10	6/20/2023 16:30	14.3	0.34	0.02	0.12	7.8	6/20/2023 2:10	6/21/2023 4:25	26.3	0.79	1.88	74,888.840
7/24/2023 17:30	7/25/2023 0:30	7.0	0.32	0.05	0.84	819.7	7/24/2023 17:25	7/25/2023 12:30	19.2	0.61	4.07	41,777.980
8/7/2023 2:00	8/7/2023 9:30	7.5	0.11	0.01	0.36	319.2	8/7/2023 2:00	8/7/2023 21:30	19.6	0.26	1.34	18,255.020
8/22/2023 23:30	8/23/2023 3:00	3.5	0.09	0.03	0.36	380.1	8/22/2023 23:30	8/23/2023 14:55	15.5	0.26	1.17	14,303.990
8/24/2023 10:15	8/24/2023 10:15	0.0	0.02	0.00	0.24	33.6	8/24/2023 10:15	8/24/2023 22:15	12.1	0.11	0.12	4,596.007
8/29/2023 15:40	8/29/2023 18:10	2.5	0.25	0.10	0.24	159.0	8/29/2023 15:40	8/30/2023 6:10	14.6	0.58	2.55	30,209.930
9/18/2023 3:00	9/18/2023 4:45	1.8	0.16	0.09	0.24	465.2	9/18/2023 3:00	9/18/2023 16:40	13.8	0.27	1.17	13,529.980
9/19/2023 19:30	9/20/2023 7:05	11.6	0.41	0.04	0.36	39.1	9/19/2023 19:25	9/20/2023 19:05	23.8	0.54	1.73	45,869.910
9/23/2023 12:55	9/23/2023 20:10	7.3	0.12	0.02	0.24	79.7	9/23/2023 12:55	9/24/2023 8:10	19.3	0.23	1.02	16,221.000
9/24/2023 14:10	9/26/2023 1:50	35.7	1.75	0.05	2.88	21.2	9/24/2023 14:10	9/26/2023 12:40	46.6	1.35	7.01	225,687.900
9/26/2023 12:40	9/27/2023 2:05	13.4	0.44	0.03	0.36	16.2	9/26/2023 12:40	9/27/2023 2:15	13.7	1.31	2.55	64,349.970
9/27/2023 2:20	9/27/2023 9:15	6.9	0.48	0.07	0.24	6.3	9/27/2023 2:15	9/27/2023 15:40	13.5	1.81	2.94	87,836.990
9/27/2023 15:40	9/27/2023 20:35	4.9	1.15	0.23	1.92	7.2	9/27/2023 15:40	9/28/2023 2:25	10.8	3.14	11.70	122,297.900
9/28/2023 2:30	9/28/2023 9:25	6.9	0.17	0.02	0.48	6.3	9/28/2023 2:25	9/28/2023 13:05	10.8	2.17	3.59	83,996.960
9/28/2023 13:10	9/28/2023 19:05	5.9	0.32	0.05	0.96	8.1	9/28/2023 13:05	9/29/2023 7:05	18.1	1.34	2.74	87,120.000

Table D-6. Summary Statistics for Individual Storm Events at the COLM Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/25/2022 11:50	10/26/2022 4:55	17.1	0.53	0.03	0.24	14.7	10/25/2022 23:25	10/26/2022 16:50	17.5	0.02	0.04	1,308.001
10/27/2022 21:00	10/28/2022 7:55	10.9	0.62	0.06	0.24	40.8	10/27/2022 20:55	10/28/2022 19:50	23.0	0.06	0.14	5,075.994
10/30/2022 0:25	10/30/2022 3:50	3.4	0.08	0.02	0.12	41.0	10/30/2022 0:20	10/30/2022 15:40	15.4	0.04	0.04	2,213.999
10/30/2022 15:40	10/31/2022 6:15	14.6	0.71	0.05	0.24	12.8	10/30/2022 15:40	10/31/2022 18:10	26.6	0.15	0.24	14,252.970
11/2/2022 0:10	11/2/2022 1:35	1.4	0.08	0.06	0.12	42.9	11/2/2022 0:10	11/2/2022 13:30	13.4	0.13	0.14	6,426.016
11/3/2022 11:55	11/4/2022 5:55	18.0	1.20	0.07	0.24	34.7	11/3/2022 11:55	11/4/2022 17:55	30.1	0.41	0.54	43,916.990
11/4/2022 21:35	11/4/2022 23:20	1.8	0.11	0.06	0.36	18.2	11/4/2022 21:30	11/5/2022 11:20	13.9	0.60	0.61	29,910.020
11/6/2022 1:50	11/6/2022 8:50	7.0	0.80	0.11	0.24	27.9	11/6/2022 1:50	11/6/2022 20:50	19.1	0.65	0.94	44,562.040
11/6/2022 22:35	11/7/2022 6:30	7.9	0.40	0.05	0.12	14.1	11/6/2022 22:35	11/7/2022 18:30	20.0	0.72	0.78	52,092.070
11/22/2022 7:35	11/22/2022 20:20	12.8	1.00	0.08	0.36	362.9	11/22/2022 7:30	11/23/2022 8:20	24.9	0.29	0.44	26,253.110
11/25/2022 6:20	11/25/2022 18:50	12.5	0.89	0.07	0.24	58.4	11/25/2022 6:20	11/26/2022 3:00	20.8	0.57	0.74	42,732.020
11/26/2022 3:05	11/26/2022 6:45	3.7	0.03	0.01	0.12	12.1	11/26/2022 3:00	11/26/2022 18:40	15.8	0.66	0.69	37,191.070
11/26/2022 23:45	11/27/2022 4:50	5.1	0.16	0.03	0.60	20.7	11/26/2022 23:45	11/27/2022 16:50	17.2	0.76	0.78	47,117.960
11/28/2022 2:00	11/28/2022 3:00	1.0	0.11	0.11	0.36	23.2	11/28/2022 2:00	11/28/2022 14:55	13.0	0.73	0.74	34,392.000
12/1/2022 12:05	12/1/2022 15:25	3.3	0.12	0.04	0.24	81.8	12/1/2022 12:00	12/2/2022 3:25	15.5	0.68	0.74	38,160.050
12/2/2022 12:20	12/2/2022 17:00	4.7	0.08	0.02	0.12	22.8	12/2/2022 12:20	12/3/2022 5:00	16.8	0.60	0.61	36,063.020
12/3/2022 10:25	12/3/2022 15:20	4.9	0.66	0.13	0.24	20.1	12/3/2022 10:25	12/4/2022 3:20	17.0	0.65	0.69	39,696.020
12/4/2022 13:10	12/4/2022 15:40	2.5	0.05	0.02	0.12	22.6	12/4/2022 13:05	12/5/2022 3:40	14.7	0.54	0.57	28,446.030
12/5/2022 11:05	12/5/2022 22:05	11.0	0.21	0.02	0.12	21.2	12/5/2022 11:00	12/6/2022 9:35	22.7	0.47	0.50	37,965.090
12/6/2022 9:35	12/6/2022 11:05	1.5	0.08	0.05	0.12	15.6	12/6/2022 9:35	12/6/2022 17:35	8.1	0.44	0.47	12,948.000
12/6/2022 17:40	12/7/2022 7:45	14.1	0.20	0.01	0.12	6.9	12/6/2022 17:35	12/7/2022 19:40	26.2	0.54	0.61	50,901.090
12/8/2022 1:35	12/8/2022 10:25	8.8	0.25	0.03	0.12	22.5	12/8/2022 1:30	12/8/2022 17:25	16.0	1.05	1.32	60,549.060
12/8/2022 17:30	12/8/2022 20:30	3.0	0.05	0.02	0.12	10.8	12/8/2022 17:25	12/9/2022 2:15	8.9	1.37	1.39	43,946.990
12/9/2022 2:20	12/9/2022 6:10	3.8	0.08	0.02	0.12	6.4	12/9/2022 2:15	12/9/2022 17:35	15.4	1.51	1.54	83,834.880
12/9/2022 17:35	12/11/2022 2:20	32.8	0.83	0.03	0.12	11.8	12/9/2022 17:35	12/11/2022 14:15	44.8	3.82	4.78	616,015.600
12/17/2022 13:50	12/18/2022 7:15	17.4	0.31	0.02	0.36	159.5	12/17/2022 13:50	12/18/2022 13:25	23.7	0.71	0.74	60,678.160
12/18/2022 13:25	12/18/2022 15:00	1.6	0.03	0.02	0.12	6.8	12/18/2022 13:25	12/19/2022 2:55	13.6	0.75	0.78	36,809.950
12/24/2022 1:50	12/24/2022 19:30	17.7	2.23	0.13	0.96	138.6	12/24/2022 1:50	12/25/2022 3:55	26.2	3.97	6.50	374,321.800
12/25/2022 3:55	12/25/2022 13:00	9.1	0.08	0.01	0.12	9.4	12/25/2022 3:55	12/25/2022 17:10	13.3	5.71	5.91	274,220.900
12/25/2022 17:10	12/26/2022 8:55	15.8	0.76	0.05	0.48	10.6	12/25/2022 17:10	12/26/2022 18:00	24.9	7.35	8.55	659,701.600
12/26/2022 18:05	12/27/2022 9:50	15.8	0.85	0.05	0.48	9.7	12/26/2022 18:00	12/27/2022 15:20	21.4	9.11	10.43	702,466.700
12/27/2022 15:25	12/28/2022 0:10	8.8	0.81	0.09	0.36	6.2	12/27/2022 15:20	12/28/2022 12:10	20.9	10.44	12.26	785,935.300
12/28/2022 21:20	12/28/2022 22:40	1.3	0.05	0.04	0.12	21.9	12/28/2022 21:20	12/29/2022 10:15	13.0	7.27	8.06	340,068.200
12/29/2022 10:20	12/30/2022 7:30	21.2	0.44	0.02	0.24	12.8	12/29/2022 10:15	12/30/2022 9:30	23.3	5.99	6.50	503,151.500
12/30/2022 9:30	12/30/2022 19:05	9.6	0.18	0.02	0.36	7.3	12/30/2022 9:30	12/31/2022 7:05	21.7	5.86	6.30	457,208.400
1/5/2023 23:20	1/6/2023 1:55	2.6	0.10	0.04	0.24	151.3	1/5/2023 23:20	1/6/2023 12:30	13.3	1.30	1.32	61,872.130
1/6/2023 12:30	1/6/2023 23:30	11.0	0.07	0.01	0.12	10.8	1/6/2023 12:30	1/7/2023 1:15	12.8	1.25	1.32	57,876.000
1/7/2023 1:20	1/7/2023 15:05	13.8	0.12	0.01	0.12	7.7	1/7/2023 1:15	1/8/2023 3:05	25.9	1.24	1.25	115,301.900
1/8/2023 6:30	1/8/2023 21:55	15.4	0.42	0.03	0.24	18.8	1/8/2023 6:30	1/9/2023 9:55	27.5	1.33	1.46	131,772.400
1/9/2023 14:20	1/9/2023 23:40	9.3	0.35	0.04	0.24	21.8	1/9/2023 14:20	1/10/2023 11:35	21.3	1.75	1.99	134,421.000
1/11/2023 21:20	1/13/2023 16:40	43.3	1.03	0.02	0.12	46.8	1/11/2023 21:20	1/13/2023 22:40	49.4	2.23	2.52	397,535.100
1/13/2023 22:40	1/14/2023 4:40	6.0	0.09	0.02	0.12	8.1	1/13/2023 22:40	1/14/2023 16:40	18.1	2.37	2.52	154,260.100
1/14/2023 22:40	1/15/2023 0:45	2.1	0.04	0.02	0.12	23.1	1/14/2023 22:40	1/15/2023 12:40	14.1	2.00	2.09	101,166.100
1/15/2023 13:05	1/15/2023 21:45	8.7	0.41	0.05	0.24	14.4	1/15/2023 13:05	1/16/2023 9:40	20.7	2.24	2.64	166,436.600

Table D-6. Summary Statistics for Individual Storm Events at the COLM Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/17/2023 18:40	1/18/2023 3:10	8.5	0.09	0.01	0.12	45.6	1/17/2023 18:40	1/18/2023 4:50	10.3	1.95	1.99	71,840.990
1/18/2023 4:55	1/18/2023 23:05	18.2	0.84	0.05	0.36	7.7	1/18/2023 4:50	1/19/2023 11:00	30.3	3.44	5.17	374,124.100
1/21/2023 11:25	1/22/2023 3:25	16.0	0.52	0.03	0.24	60.8	1/21/2023 11:25	1/22/2023 15:25	28.1	2.72	3.15	275,133.500
1/24/2023 17:05	1/25/2023 8:55	15.8	0.15	0.01	0.24	63.8	1/24/2023 17:00	1/25/2023 20:55	28.0	1.66	1.71	167,433.100
1/26/2023 18:55	1/27/2023 9:05	14.2	0.49	0.03	0.24	39.4	1/26/2023 18:55	1/27/2023 21:00	26.2	1.88	2.29	177,438.200
1/27/2023 21:05	1/28/2023 0:20	3.3	0.05	0.02	0.12	14.8	1/27/2023 21:00	1/28/2023 12:20	15.4	2.17	2.29	120,405.000
2/3/2023 12:30	2/4/2023 2:45	14.3	0.33	0.02	0.12	159.1	2/3/2023 12:30	2/4/2023 11:45	23.3	0.83	0.88	69,696.200
2/4/2023 11:45	2/4/2023 22:05	10.3	0.17	0.02	0.12	16.0	2/4/2023 11:45	2/5/2023 10:05	22.4	0.90	0.94	72,594.100
2/5/2023 11:45	2/5/2023 19:40	7.9	0.24	0.03	0.36	15.0	2/5/2023 11:45	2/6/2023 7:40	20.0	1.04	1.11	74,616.000
2/7/2023 10:50	2/7/2023 12:55	2.1	0.06	0.03	0.24	39.2	2/7/2023 10:50	2/8/2023 0:55	14.2	1.00	1.05	50,850.030
2/9/2023 22:30	2/10/2023 0:05	1.6	0.12	0.08	0.24	57.7	2/9/2023 22:25	2/10/2023 12:00	13.7	0.79	0.83	38,870.980
2/13/2023 11:20	2/13/2023 21:15	9.9	0.37	0.04	0.48	83.7	2/13/2023 11:15	2/14/2023 9:10	22.0	0.70	0.74	55,413.130
2/14/2023 10:40	2/14/2023 10:40	0.0	0.05	0.00	0.60	18.4	2/14/2023 10:40	2/14/2023 22:40	12.1	0.69	0.69	30,015.020
2/17/2023 3:25	2/17/2023 14:45	11.3	0.24	0.02	0.12	64.8	2/17/2023 3:20	2/18/2023 2:45	23.5	0.64	0.65	54,089.920
2/18/2023 12:50	2/18/2023 13:50	1.0	0.03	0.03	0.12	24.5	2/18/2023 12:45	2/19/2023 1:50	13.2	0.62	0.65	29,250.020
2/19/2023 2:40	2/20/2023 13:45	35.1	0.91	0.03	0.24	38.3	2/19/2023 2:35	2/20/2023 19:15	40.8	1.09	2.09	159,465.200
2/20/2023 19:15	2/21/2023 6:00	10.8	0.13	0.01	0.36	8.2	2/20/2023 19:15	2/21/2023 13:10	18.0	2.40	2.64	155,468.900
2/21/2023 13:10	2/21/2023 15:20	2.2	0.15	0.07	0.24	13.1	2/21/2023 13:10	2/22/2023 3:20	14.3	2.62	2.76	134,364.000
2/22/2023 5:40	2/22/2023 12:55	7.3	0.15	0.02	0.24	15.5	2/22/2023 5:40	2/23/2023 0:55	19.3	2.02	2.19	140,871.000
2/26/2023 3:45	2/26/2023 14:35	10.8	0.46	0.04	0.24	87.0	2/26/2023 3:40	2/27/2023 2:35	23.0	0.99	1.05	82,080.060
2/28/2023 0:20	2/28/2023 3:50	3.5	0.03	0.01	0.12	35.8	2/28/2023 0:20	2/28/2023 10:15	10.0	0.98	0.99	35,430.000
2/28/2023 10:20	2/28/2023 16:25	6.1	0.13	0.02	0.36	45.8	2/28/2023 10:15	3/1/2023 4:25	18.3	0.98	0.99	64,368.090
3/1/2023 21:05	3/2/2023 19:45	22.7	0.30	0.01	0.24	29.7	3/1/2023 21:00	3/3/2023 7:45	34.8	0.94	0.99	118,040.900
3/3/2023 15:05	3/4/2023 10:10	19.1	0.35	0.02	0.24	22.6	3/3/2023 15:00	3/4/2023 22:05	31.2	1.06	1.18	118,424.900
3/5/2023 18:40	3/6/2023 0:10	5.5	0.28	0.05	0.24	32.9	3/5/2023 18:40	3/6/2023 12:10	17.6	1.21	1.32	76,299.150
3/6/2023 15:25	3/6/2023 15:30	0.1	0.06	0.72	0.48	15.5	3/6/2023 15:20	3/7/2023 3:30	12.3	1.24	1.32	54,788.950
3/10/2023 2:50	3/10/2023 4:25	1.6	0.12	0.08	0.24	83.4	3/10/2023 2:45	3/10/2023 13:30	10.8	0.76	0.78	29,768.970
3/10/2023 13:35	3/11/2023 3:20	13.8	0.15	0.01	0.12	10.0	3/10/2023 13:30	3/11/2023 15:20	25.9	0.78	0.83	72,632.930
3/12/2023 13:15	3/13/2023 11:40	22.4	0.90	0.04	0.24	34.1	3/12/2023 13:15	3/13/2023 23:40	34.5	1.26	1.99	156,030.400
3/15/2023 2:50	3/15/2023 5:15	2.4	0.09	0.04	0.24	40.7	3/15/2023 2:45	3/15/2023 17:10	14.5	1.29	1.32	67,308.020
3/20/2023 1:45	3/21/2023 1:20	23.6	0.36	0.02	0.72	117.0	3/20/2023 1:40	3/21/2023 13:20	35.8	0.67	0.74	85,776.070
3/23/2023 8:20	3/23/2023 13:50	5.5	0.08	0.01	0.24	61.2	3/23/2023 8:15	3/24/2023 1:50	17.7	0.55	0.57	35,145.020
3/24/2023 2:25	3/24/2023 11:35	9.2	0.05	0.01	0.12	13.1	3/24/2023 2:25	3/24/2023 16:40	14.3	0.54	0.54	27,852.040
3/24/2023 16:40	3/25/2023 1:30	8.8	0.47	0.05	0.24	10.8	3/24/2023 16:40	3/25/2023 8:25	15.8	0.78	0.94	44,211.030
3/25/2023 8:25	3/25/2023 10:10	1.8	0.20	0.11	0.36	8.6	3/25/2023 8:25	3/25/2023 22:10	13.8	1.04	1.11	51,708.050
3/26/2023 17:40	3/26/2023 17:55	0.3	0.05	0.20	0.36	31.8	3/26/2023 17:35	3/27/2023 5:55	12.4	1.04	1.11	46,278.050
3/31/2023 11:25	3/31/2023 23:30	12.1	0.29	0.02	0.36	113.7	3/31/2023 11:25	4/1/2023 11:25	24.1	0.58	0.61	50,118.160
4/2/2023 1:00	4/2/2023 7:40	6.7	0.15	0.02	0.24	27.2	4/2/2023 1:00	4/2/2023 14:50	13.9	0.56	0.57	27,828.010
4/2/2023 14:50	4/3/2023 11:20	20.5	0.70	0.03	0.24	7.8	4/2/2023 14:50	4/3/2023 19:20	28.6	1.29	2.19	132,687.000
4/3/2023 19:20	4/4/2023 10:25	15.1	0.70	0.05	0.48	9.3	4/3/2023 19:20	4/4/2023 22:25	27.2	3.49	4.58	341,064.500
4/6/2023 3:15	4/7/2023 11:30	32.3	0.67	0.02	0.12	40.9	4/6/2023 3:10	4/7/2023 23:25	44.3	2.58	3.47	412,165.000
4/8/2023 10:45	4/8/2023 14:15	3.5	0.08	0.02	0.12	28.7	4/8/2023 10:40	4/8/2023 20:00	9.4	2.22	2.29	75,111.000
4/8/2023 20:00	4/9/2023 23:15	27.3	0.59	0.02	0.24	7.6	4/8/2023 20:00	4/10/2023 6:45	34.8	2.35	3.31	294,834.800
4/10/2023 6:50	4/11/2023 8:20	25.5	0.62	0.02	0.12	8.1	4/10/2023 6:45	4/11/2023 20:15	37.6	4.57	5.53	617,730.200

Table D-6. Summary Statistics for Individual Storm Events at the COLM Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/16/2023 8:35	4/16/2023 23:05	14.5	0.32	0.02	0.36	121.1	4/16/2023 8:35	4/17/2023 11:00	26.5	0.97	0.99	92,529.210
4/17/2023 15:35	4/17/2023 20:35	5.0	0.12	0.02	0.24	16.8	4/17/2023 15:35	4/18/2023 3:20	11.8	0.94	0.94	40,044.040
4/18/2023 3:20	4/18/2023 4:40	1.3	0.03	0.02	0.12	7.2	4/18/2023 3:20	4/18/2023 16:40	13.4	0.89	0.94	43,187.980
4/18/2023 17:30	4/18/2023 17:40	0.2	0.03	0.18	0.12	13.2	4/18/2023 17:25	4/19/2023 5:10	11.8	0.88	0.94	37,523.950
4/19/2023 5:10	4/19/2023 7:40	2.5	0.08	0.03	0.12	17.8	4/19/2023 5:10	4/19/2023 19:40	14.6	0.85	0.88	44,745.050
4/20/2023 15:40	4/21/2023 2:30	10.8	0.22	0.02	0.24	33.3	4/20/2023 15:40	4/21/2023 14:25	22.8	0.80	0.83	65,940.050
4/22/2023 19:10	4/23/2023 8:15	13.1	0.46	0.04	0.24	46.1	4/22/2023 19:05	4/23/2023 18:40	23.7	0.91	1.05	77,529.160
4/23/2023 18:40	4/24/2023 11:20	16.7	0.42	0.03	0.60	11.1	4/23/2023 18:40	4/24/2023 23:20	28.8	1.23	1.46	126,846.500
5/4/2023 19:50	5/5/2023 16:55	21.1	0.80	0.04	0.36	248.8	5/4/2023 19:50	5/5/2023 22:50	27.1	0.48	0.65	46,809.020
5/5/2023 22:50	5/6/2023 7:35	8.8	0.06	0.01	0.12	7.1	5/5/2023 22:50	5/6/2023 16:05	17.3	0.56	0.61	35,094.010
5/6/2023 16:05	5/6/2023 17:15	1.2	0.09	0.08	0.24	13.8	5/6/2023 16:05	5/7/2023 5:10	13.2	0.60	0.61	28,650.020
5/15/2023 20:45	5/16/2023 0:55	4.2	0.13	0.03	0.72	220.2	5/15/2023 20:45	5/16/2023 12:55	16.3	0.26	0.28	15,041.990
5/21/2023 17:35	5/22/2023 7:45	14.2	0.28	0.02	0.12	140.6	5/21/2023 17:35	5/22/2023 19:40	26.2	0.23	0.26	21,876.040
6/9/2023 12:40	6/10/2023 12:25	23.8	0.56	0.02	0.24	440.9	6/9/2023 12:40	6/11/2023 0:20	35.8	0.20	0.26	26,285.970
6/16/2023 18:05	6/16/2023 19:15	1.2	0.10	0.09	0.24	152.8	6/16/2023 18:00	6/17/2023 7:15	13.3	0.18	0.20	8,832.007
6/17/2023 11:45	6/17/2023 12:55	1.2	0.04	0.03	0.12	16.9	6/17/2023 11:45	6/17/2023 18:45	7.1	0.18	0.18	4,590.003
6/17/2023 18:45	6/18/2023 6:05	11.3	0.22	0.02	0.24	7.0	6/17/2023 18:45	6/18/2023 13:25	18.8	0.20	0.24	13,374.020
6/18/2023 13:25	6/18/2023 21:50	8.4	0.13	0.02	0.24	10.1	6/18/2023 13:25	6/19/2023 3:55	14.6	0.20	0.24	10,553.990
6/19/2023 4:00	6/19/2023 8:05	4.1	0.14	0.03	0.36	8.5	6/19/2023 3:55	6/19/2023 18:10	14.3	0.19	0.20	10,020.010
6/19/2023 18:15	6/20/2023 0:35	6.3	0.10	0.02	0.36	10.4	6/19/2023 18:10	6/20/2023 2:10	8.1	0.20	0.22	5,862.003
6/20/2023 2:10	6/20/2023 16:55	14.8	0.47	0.03	0.12	7.6	6/20/2023 2:10	6/21/2023 4:50	26.8	0.27	0.35	26,442.010
7/13/2023 14:15	7/13/2023 14:25	0.2	0.25	1.50	2.40	555.3	7/13/2023 14:10	7/14/2023 2:25	12.3	0.07	0.10	2,979.004
7/17/2023 5:30	7/17/2023 6:20	0.8	0.04	0.05	0.12	87.1	7/17/2023 5:25	7/17/2023 18:20	13.0	0.06	0.07	2,604.002
7/24/2023 17:25	7/24/2023 19:05	1.7	0.36	0.22	0.72	179.9	7/24/2023 19:40	7/25/2023 7:05	11.5	0.08	0.15	3,378.001
9/24/2023 14:55	9/25/2023 20:35	29.7	1.75	0.06	0.48	21.7	9/25/2023 20:50	9/26/2023 8:35	11.8	0.09	0.14	3,974.998
9/26/2023 10:35	9/26/2023 22:35	12.0	0.49	0.04	0.96	14.0	9/26/2023 10:30	9/27/2023 2:35	16.2	0.10	0.14	5,751.007
9/27/2023 2:35	9/28/2023 2:50	24.3	2.50	0.10	1.80	6.6	9/27/2023 2:35	9/28/2023 4:05	25.6	0.36	0.99	32,793.010
9/28/2023 4:10	9/28/2023 6:20	2.2	0.11	0.05	0.36	7.0	9/28/2023 4:05	9/28/2023 11:30	7.5	0.44	0.50	11,844.010
9/28/2023 11:30	9/28/2023 22:10	10.7	0.36	0.03	0.48	6.5	9/28/2023 11:30	9/29/2023 10:05	22.7	0.44	0.57	36,201.000
5/24/2022 17:25	5/24/2022 19:10	1.8	0.05	0.03	0.12	127.1	5/24/2022 17:25	5/25/2022 1:15	7.9	0.26	0.26	7,410.005
5/25/2022 1:20	5/25/2022 6:20	5.0	0.10	0.02	0.12	7.5	5/25/2022 1:15	5/25/2022 18:20	17.2	0.26	0.28	16,133.960
5/26/2022 16:55	5/27/2022 1:35	8.7	0.40	0.05	0.60	35.5	5/26/2022 16:50	5/27/2022 13:30	20.8	0.28	0.35	20,951.980
5/28/2022 7:20	5/28/2022 7:40	0.3	0.03	0.09	0.12	29.8	5/28/2022 7:20	5/28/2022 16:15	9.0	0.25	0.26	7,991.997
5/28/2022 16:20	5/30/2022 4:00	35.7	1.24	0.03	0.24	38.8	5/28/2022 16:15	5/30/2022 15:55	47.8	0.63	1.05	107,669.900
6/2/2022 15:50	6/2/2022 18:30	2.7	0.10	0.04	0.36	88.2	6/2/2022 15:45	6/3/2022 0:55	9.3	0.54	0.57	17,988.020
6/3/2022 1:00	6/3/2022 20:35	19.6	0.50	0.03	1.08	6.7	6/3/2022 0:55	6/4/2022 8:35	31.8	0.74	0.94	84,591.110
6/4/2022 15:40	6/5/2022 9:00	17.3	0.87	0.05	0.48	20.1	6/4/2022 15:40	6/5/2022 15:40	24.1	1.66	3.02	144,006.100

Table D-7. Summary Statistics for Individual Storm Events at the SEIMN Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 8:25	10/22/2022 11:30	27.1	0.95	0.04	0.48	1117.3	10/21/2022 8:25	10/22/2022 23:30	39.2	0.35	0.68	48,968.880
10/23/2022 23:30	10/24/2022 21:30	22.0	0.45	0.02	0.72	36.8	10/23/2022 23:25	10/25/2022 9:30	34.2	0.27	0.53	33,786.020
10/25/2022 11:50	10/26/2022 4:55	17.1	0.53	0.03	0.24	14.7	10/25/2022 11:45	10/26/2022 16:50	29.2	0.36	0.63	37,787.960
10/27/2022 21:00	10/28/2022 7:55	10.9	0.62	0.06	0.24	40.8	10/27/2022 20:55	10/28/2022 19:50	23.0	0.37	0.68	30,417.000
10/30/2022 0:25	10/30/2022 3:50	3.4	0.08	0.02	0.12	41.0	10/30/2022 0:20	10/30/2022 15:40	15.4	0.20	0.24	11,220.020
10/30/2022 15:40	10/31/2022 6:15	14.6	0.71	0.05	0.24	12.8	10/30/2022 15:40	10/31/2022 18:10	26.6	0.30	0.68	28,877.930
11/2/2022 0:10	11/2/2022 1:35	1.4	0.08	0.06	0.12	42.9	11/2/2022 0:10	11/2/2022 13:30	13.4	0.16	0.20	7,955.994
11/3/2022 11:55	11/4/2022 5:55	18.0	1.20	0.07	0.24	34.7	11/3/2022 11:55	11/4/2022 17:55	30.1	0.52	0.79	56,142.120
11/4/2022 21:35	11/4/2022 23:20	1.8	0.11	0.06	0.36	18.2	11/4/2022 21:30	11/5/2022 11:20	13.9	0.66	0.73	32,882.960
11/6/2022 1:50	11/6/2022 8:50	7.0	0.80	0.11	0.24	27.9	11/6/2022 1:50	11/6/2022 20:50	19.1	0.89	1.46	61,149.140
11/6/2022 22:35	11/7/2022 6:30	7.9	0.40	0.05	0.12	14.1	11/6/2022 22:35	11/7/2022 18:30	20.0	0.94	1.10	67,614.160
11/22/2022 7:35	11/22/2022 20:20	12.8	1.00	0.08	0.36	362.9	11/22/2022 7:30	11/23/2022 8:20	24.9	0.31	0.73	27,813.030
11/25/2022 6:20	11/25/2022 18:50	12.5	0.89	0.07	0.24	58.4	11/25/2022 6:20	11/26/2022 3:00	20.8	0.50	0.68	37,043.990
11/26/2022 3:05	11/26/2022 6:45	3.7	0.03	0.01	0.12	12.1	11/26/2022 3:00	11/26/2022 18:40	15.8	0.42	0.53	23,825.940
11/26/2022 23:45	11/27/2022 4:50	5.1	0.16	0.03	0.60	20.7	11/26/2022 23:45	11/27/2022 16:50	17.2	0.33	0.49	20,229.000
11/28/2022 2:00	11/28/2022 3:00	1.0	0.11	0.11	0.36	23.2	11/28/2022 2:00	11/28/2022 14:55	13.0	0.26	0.29	11,937.010
12/1/2022 12:05	12/1/2022 15:25	3.3	0.12	0.04	0.24	81.8	12/1/2022 12:00	12/2/2022 3:25	15.5	0.54	0.58	30,104.950
12/2/2022 12:20	12/2/2022 17:00	4.7	0.08	0.02	0.12	22.8	12/2/2022 12:20	12/3/2022 5:00	16.8	0.46	0.49	27,698.930
12/3/2022 10:25	12/3/2022 15:20	4.9	0.66	0.13	0.24	20.1	12/3/2022 10:25	12/4/2022 3:20	17.0	0.56	0.68	34,545.070
12/4/2022 13:10	12/4/2022 15:40	2.5	0.05	0.02	0.12	22.6	12/4/2022 13:05	12/5/2022 3:40	14.7	0.53	0.53	27,983.960
12/5/2022 11:05	12/5/2022 22:05	11.0	0.21	0.02	0.12	21.2	12/5/2022 11:00	12/6/2022 9:35	22.7	0.52	0.53	42,587.950
12/6/2022 9:35	12/6/2022 11:05	1.5	0.08	0.05	0.12	15.6	12/6/2022 9:35	12/6/2022 17:35	8.1	0.52	0.53	15,266.990
12/6/2022 17:40	12/7/2022 7:45	14.1	0.20	0.01	0.12	6.9	12/6/2022 17:35	12/7/2022 19:40	26.2	0.62	0.68	58,131.030
12/8/2022 1:35	12/8/2022 10:25	8.8	0.25	0.03	0.12	22.5	12/8/2022 1:30	12/8/2022 17:25	16.0	0.81	0.85	46,440.030
12/8/2022 17:30	12/8/2022 20:30	3.0	0.05	0.02	0.12	10.8	12/8/2022 17:25	12/9/2022 2:15	8.9	0.82	0.85	26,475.000
12/9/2022 2:20	12/9/2022 6:10	3.8	0.08	0.02	0.12	6.4	12/9/2022 2:15	12/9/2022 17:35	15.4	0.81	0.85	44,996.940
12/9/2022 17:35	12/11/2022 2:20	32.8	0.83	0.03	0.12	11.8	12/9/2022 17:35	12/11/2022 14:15	44.8	0.96	1.31	155,124.400
12/17/2022 13:50	12/18/2022 7:15	17.4	0.31	0.02	0.36	159.5	12/17/2022 13:50	12/18/2022 13:25	23.7	0.28	0.29	23,868.050
12/18/2022 13:25	12/18/2022 15:00	1.6	0.03	0.02	0.12	6.8	12/18/2022 13:25	12/19/2022 2:55	13.6	0.29	0.29	14,181.030
12/24/2022 1:50	12/24/2022 19:30	17.7	2.23	0.13	0.96	138.6	12/24/2022 1:50	12/25/2022 3:55	26.2	1.16	1.98	109,707.100
12/25/2022 3:55	12/25/2022 13:00	9.1	0.08	0.01	0.12	9.4	12/25/2022 3:55	12/25/2022 17:10	13.3	1.42	1.63	68,145.040
12/25/2022 17:10	12/26/2022 8:55	15.8	0.76	0.05	0.48	10.6	12/25/2022 17:10	12/26/2022 18:00	24.9	1.67	2.27	150,114.200
12/26/2022 18:05	12/27/2022 9:50	15.8	0.85	0.05	0.48	9.7	12/26/2022 18:00	12/27/2022 15:20	21.4	1.92	2.37	148,050.100
12/27/2022 15:25	12/28/2022 0:10	8.8	0.81	0.09	0.36	6.2	12/27/2022 15:20	12/28/2022 12:10	20.9	2.18	2.91	164,508.100
12/28/2022 21:20	12/28/2022 22:40	1.3	0.05	0.04	0.12	21.9	12/28/2022 21:20	12/29/2022 10:15	13.0	1.09	1.17	50,828.950
12/29/2022 10:20	12/30/2022 7:30	21.2	0.44	0.02	0.24	12.8	12/29/2022 10:15	12/30/2022 9:30	23.3	1.01	1.10	84,960.080
12/30/2022 9:30	12/30/2022 19:05	9.6	0.18	0.02	0.36	7.3	12/30/2022 9:30	12/31/2022 7:05	21.7	0.99	1.03	77,406.030
1/5/2023 23:20	1/6/2023 1:55	2.6	0.10	0.04	0.24	151.3	1/5/2023 23:20	1/6/2023 12:30	13.3	0.52	0.53	24,908.970
1/6/2023 12:30	1/6/2023 23:30	11.0	0.07	0.01	0.12	10.8	1/6/2023 12:30	1/7/2023 1:15	12.8	0.52	0.53	24,209.970
1/7/2023 1:20	1/7/2023 15:05	13.8	0.12	0.01	0.12	7.7	1/7/2023 1:15	1/8/2023 3:05	25.9	0.50	0.53	46,605.030
1/8/2023 6:30	1/8/2023 21:55	15.4	0.42	0.03	0.24	18.8	1/8/2023 6:30	1/9/2023 9:55	27.5	0.59	0.68	58,053.040
1/9/2023 14:20	1/9/2023 23:40	9.3	0.35	0.04	0.24	21.8	1/9/2023 14:20	1/10/2023 11:35	21.3	0.66	0.73	50,438.950
1/11/2023 21:20	1/13/2023 16:40	43.3	1.03	0.02	0.12	46.8	1/11/2023 21:20	1/13/2023 22:40	49.4	0.78	0.91	139,113.700
1/13/2023 22:40	1/14/2023 4:40	6.0	0.09	0.02	0.12	8.1	1/13/2023 22:40	1/14/2023 16:40	18.1	0.80	0.85	52,058.920
1/14/2023 22:40	1/15/2023 0:45	2.1	0.04	0.02	0.12	23.1	1/14/2023 22:40	1/15/2023 12:40	14.1	0.70	0.73	35,376.000

Table D-7. Summary Statistics for Individual Storm Events at the SEIMN Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/15/2023 13:05	1/15/2023 21:45	8.7	0.41	0.05	0.24	14.4	1/15/2023 13:05	1/16/2023 9:40	20.7	0.76	0.85	56,366.870
1/17/2023 18:40	1/18/2023 3:10	8.5	0.09	0.01	0.12	45.6	1/17/2023 18:40	1/18/2023 4:50	10.3	0.67	0.68	24,672.000
1/18/2023 4:55	1/18/2023 23:05	18.2	0.84	0.05	0.36	7.7	1/18/2023 4:50	1/19/2023 11:00	30.3	0.88	1.10	95,814.060
1/21/2023 11:25	1/22/2023 3:25	16.0	0.52	0.03	0.24	60.8	1/21/2023 11:25	1/22/2023 15:25	28.1	0.73	0.79	74,156.790
1/24/2023 17:05	1/25/2023 8:55	15.8	0.15	0.01	0.24	63.8	1/24/2023 17:00	1/25/2023 20:55	28.0	0.57	0.58	57,459.090
1/26/2023 18:55	1/27/2023 9:05	14.2	0.49	0.03	0.24	39.4	1/26/2023 18:55	1/27/2023 21:00	26.2	0.66	0.79	61,973.920
1/27/2023 21:05	1/28/2023 0:20	3.3	0.05	0.02	0.12	14.8	1/27/2023 21:00	1/28/2023 12:20	15.4	0.71	0.79	39,531.020
2/3/2023 12:30	2/4/2023 2:45	14.3	0.33	0.02	0.12	159.1	2/3/2023 12:30	2/4/2023 11:45	23.3	0.58	0.63	48,525.110
2/4/2023 11:45	2/4/2023 22:05	10.3	0.17	0.02	0.12	16.0	2/4/2023 11:45	2/5/2023 10:05	22.4	0.60	0.63	48,321.010
2/5/2023 11:45	2/5/2023 19:40	7.9	0.24	0.03	0.36	15.0	2/5/2023 11:45	2/6/2023 7:40	20.0	0.63	0.68	45,449.980
2/7/2023 10:50	2/7/2023 12:55	2.1	0.06	0.03	0.24	39.2	2/7/2023 10:50	2/8/2023 0:55	14.2	0.62	0.73	31,665.000
2/9/2023 22:30	2/10/2023 0:05	1.6	0.12	0.08	0.24	57.7	2/9/2023 22:25	2/10/2023 12:00	13.7	0.53	0.58	26,270.960
2/13/2023 11:20	2/13/2023 21:15	9.9	0.37	0.04	0.48	83.7	2/13/2023 11:15	2/14/2023 9:10	22.0	0.56	0.63	44,316.080
2/14/2023 10:40	2/14/2023 10:40	0.0	0.05	0.00	0.60	18.4	2/14/2023 10:40	2/14/2023 22:40	12.1	0.56	0.58	24,420.000
2/17/2023 3:25	2/17/2023 14:45	11.3	0.24	0.02	0.12	64.8	2/17/2023 3:20	2/18/2023 2:45	23.5	0.53	0.58	44,660.930
2/18/2023 12:50	2/18/2023 13:50	1.0	0.03	0.03	0.12	24.5	2/18/2023 12:45	2/19/2023 1:50	13.2	0.53	0.53	25,121.970
2/19/2023 2:40	2/20/2023 13:45	35.1	0.91	0.03	0.24	38.3	2/19/2023 2:35	2/20/2023 19:15	40.8	0.72	0.97	105,860.900
2/20/2023 19:15	2/21/2023 6:00	10.8	0.13	0.01	0.36	8.2	2/20/2023 19:15	2/21/2023 13:10	18.0	0.97	1.10	62,982.020
2/21/2023 13:10	2/21/2023 15:20	2.2	0.15	0.07	0.24	13.1	2/21/2023 13:10	2/22/2023 3:20	14.3	0.96	1.03	49,149.070
2/22/2023 5:40	2/22/2023 12:55	7.3	0.15	0.02	0.24	15.5	2/22/2023 5:40	2/23/2023 0:55	19.3	0.84	0.91	58,367.840
2/26/2023 3:45	2/26/2023 14:35	10.8	0.46	0.04	0.24	87.0	2/26/2023 3:40	2/27/2023 2:35	23.0	0.62	0.68	51,233.950
2/28/2023 0:20	2/28/2023 3:50	3.5	0.03	0.01	0.12	35.8	2/28/2023 0:20	2/28/2023 10:15	10.0	0.63	0.63	22,605.000
2/28/2023 10:20	2/28/2023 16:25	6.1	0.13	0.02	0.36	45.8	2/28/2023 10:15	3/1/2023 4:25	18.3	0.62	0.63	40,820.960
3/1/2023 21:05	3/2/2023 19:45	22.7	0.30	0.01	0.24	29.7	3/1/2023 21:00	3/3/2023 7:45	34.8	0.62	0.68	77,217.250
3/3/2023 15:05	3/4/2023 10:10	19.1	0.35	0.02	0.24	22.6	3/3/2023 15:00	3/4/2023 22:05	31.2	0.65	0.68	72,635.590
3/5/2023 18:40	3/6/2023 0:10	5.5	0.28	0.05	0.24	32.9	3/5/2023 18:40	3/6/2023 12:10	17.6	0.66	0.68	41,663.980
3/6/2023 15:25	3/6/2023 15:30	0.1	0.06	0.72	0.48	15.5	3/6/2023 15:20	3/7/2023 3:30	12.3	0.64	0.68	28,112.970
3/10/2023 2:50	3/10/2023 4:25	1.6	0.12	0.08	0.24	83.4	3/10/2023 2:45	3/10/2023 13:30	10.8	0.54	0.58	20,894.980
3/10/2023 13:35	3/11/2023 3:20	13.8	0.15	0.01	0.12	10.0	3/10/2023 13:30	3/11/2023 15:20	25.9	0.54	0.58	50,078.950
3/12/2023 13:15	3/13/2023 11:40	22.4	0.90	0.04	0.24	34.1	3/12/2023 13:15	3/13/2023 23:40	34.5	0.73	0.91	91,161.230
3/15/2023 2:50	3/15/2023 5:15	2.4	0.09	0.04	0.24	40.7	3/15/2023 2:45	3/15/2023 17:10	14.5	0.63	0.68	33,140.950
3/20/2023 1:45	3/21/2023 1:20	23.6	0.36	0.02	0.72	117.0	3/20/2023 1:40	3/21/2023 13:20	35.8	0.52	0.58	66,842.910
3/23/2023 8:20	3/23/2023 13:50	5.5	0.08	0.01	0.24	61.2	3/23/2023 8:15	3/24/2023 1:50	17.7	0.49	0.53	31,175.980
3/24/2023 2:25	3/24/2023 11:35	9.2	0.05	0.01	0.12	13.1	3/24/2023 2:25	3/24/2023 16:40	14.3	0.49	0.49	25,242.000
3/24/2023 16:40	3/25/2023 1:30	8.8	0.47	0.05	0.24	10.8	3/24/2023 16:40	3/25/2023 8:25	15.8	0.64	0.73	36,414.070
3/25/2023 8:25	3/25/2023 10:10	1.8	0.20	0.11	0.36	8.6	3/25/2023 8:25	3/25/2023 22:10	13.8	0.72	0.73	35,784.060
3/26/2023 17:40	3/26/2023 17:55	0.3	0.05	0.20	0.36	31.8	3/26/2023 17:35	3/27/2023 5:55	12.4	0.60	0.63	27,021.040
3/31/2023 11:25	3/31/2023 23:30	12.1	0.29	0.02	0.36	113.7	3/31/2023 11:25	4/1/2023 11:25	24.1	0.46	0.49	40,151.920
4/2/2023 1:00	4/2/2023 7:40	6.7	0.15	0.02	0.24	27.2	4/2/2023 1:00	4/2/2023 14:50	13.9	0.43	0.49	21,356.960
4/2/2023 14:50	4/3/2023 11:20	20.5	0.70	0.03	0.24	7.8	4/2/2023 14:50	4/3/2023 19:20	28.6	0.76	0.91	77,793.100
4/3/2023 19:20	4/4/2023 10:25	15.1	0.70	0.05	0.48	9.3	4/3/2023 19:20	4/4/2023 22:25	27.2	1.07	1.31	104,705.800
4/6/2023 3:15	4/7/2023 11:30	32.3	0.67	0.02	0.12	40.9	4/6/2023 3:10	4/7/2023 23:25	44.3	0.93	1.10	149,025.100
4/8/2023 10:45	4/8/2023 14:15	3.5	0.08	0.02	0.12	28.7	4/8/2023 10:40	4/8/2023 20:00	9.4	0.80	0.85	27,249.010
4/8/2023 20:00	4/9/2023 23:15	27.3	0.59	0.02	0.24	7.6	4/8/2023 20:00	4/10/2023 6:45	34.8	0.84	1.10	105,657.300
4/10/2023 6:50	4/11/2023 8:20	25.5	0.62	0.02	0.12	8.1	4/10/2023 6:45	4/11/2023 20:15	37.6	1.08	1.31	146,697.500

Table D-7. Summary Statistics for Individual Storm Events at the SEIMN Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/16/2023 8:35	4/16/2023 23:05	14.5	0.32	0.02	0.36	121.1	4/16/2023 8:35	4/17/2023 11:00	26.5	0.62	0.63	59,097.110
4/17/2023 15:35	4/17/2023 20:35	5.0	0.12	0.02	0.24	16.8	4/17/2023 15:35	4/18/2023 3:20	11.8	0.59	0.63	25,053.040
4/18/2023 3:20	4/18/2023 4:40	1.3	0.03	0.02	0.12	7.2	4/18/2023 3:20	4/18/2023 16:40	13.4	0.57	0.58	27,450.020
4/18/2023 17:30	4/18/2023 17:40	0.2	0.03	0.18	0.12	13.2	4/18/2023 17:25	4/19/2023 5:10	11.8	0.53	0.58	22,592.970
4/19/2023 5:10	4/19/2023 7:40	2.5	0.08	0.03	0.12	17.8	4/19/2023 5:10	4/19/2023 19:40	14.6	0.53	0.53	27,824.960
4/20/2023 15:40	4/21/2023 2:30	10.8	0.22	0.02	0.24	33.3	4/20/2023 15:40	4/21/2023 14:25	22.8	0.52	0.53	42,929.960
4/22/2023 19:10	4/23/2023 8:15	13.1	0.46	0.04	0.24	46.1	4/22/2023 19:05	4/23/2023 18:40	23.7	0.53	0.63	45,224.970
4/23/2023 18:40	4/24/2023 11:20	16.7	0.42	0.03	0.60	11.1	4/23/2023 18:40	4/24/2023 23:20	28.8	0.56	0.58	57,975.090
5/4/2023 19:50	5/5/2023 16:55	21.1	0.80	0.04	0.36	248.8	5/4/2023 19:50	5/5/2023 22:50	27.1	0.38	0.53	36,770.940
5/5/2023 22:50	5/6/2023 7:35	8.8	0.06	0.01	0.12	7.1	5/5/2023 22:50	5/6/2023 16:05	17.3	0.49	0.53	30,380.980
5/6/2023 16:05	5/6/2023 17:15	1.2	0.09	0.08	0.24	13.8	5/6/2023 16:05	5/7/2023 5:10	13.2	0.46	0.49	21,629.970
5/15/2023 20:45	5/16/2023 0:55	4.2	0.13	0.03	0.72	220.2	5/15/2023 20:45	5/16/2023 12:55	16.3	0.20	0.24	11,736.020
5/21/2023 17:35	5/22/2023 7:45	14.2	0.28	0.02	0.12	140.6	5/21/2023 17:35	5/22/2023 19:40	26.2	0.18	0.20	17,220.030
6/9/2023 12:40	6/10/2023 12:25	23.8	0.56	0.02	0.24	440.9	6/9/2023 12:40	6/11/2023 0:20	35.8	0.14	0.20	18,384.020
6/16/2023 18:05	6/16/2023 19:15	1.2	0.10	0.09	0.24	152.8	6/16/2023 18:00	6/17/2023 7:15	13.3	0.13	0.16	6,374.993
6/17/2023 11:45	6/17/2023 12:55	1.2	0.04	0.03	0.12	16.9	6/17/2023 11:45	6/17/2023 18:45	7.1	0.13	0.13	3,315.002
6/17/2023 18:45	6/18/2023 6:05	11.3	0.22	0.02	0.24	7.0	6/17/2023 18:45	6/18/2023 13:25	18.8	0.14	0.20	9,701.997
6/18/2023 13:25	6/18/2023 21:50	8.4	0.13	0.02	0.24	10.1	6/18/2023 13:25	6/19/2023 3:55	14.6	0.16	0.20	8,192.995
6/19/2023 4:00	6/19/2023 8:05	4.1	0.14	0.03	0.36	8.5	6/19/2023 3:55	6/19/2023 18:10	14.3	0.15	0.16	7,832.985
6/19/2023 18:15	6/20/2023 0:35	6.3	0.10	0.02	0.36	10.4	6/19/2023 18:10	6/20/2023 2:10	8.1	0.15	0.16	4,466.998
6/20/2023 2:10	6/20/2023 16:55	14.8	0.47	0.03	0.12	7.6	6/20/2023 2:10	6/21/2023 4:50	26.8	0.19	0.29	17,952.000
7/13/2023 14:15	7/13/2023 14:25	0.2	0.25	1.50	2.40	555.3	7/13/2023 14:10	7/14/2023 2:25	12.3	0.13	0.13	5,771.998
7/17/2023 5:30	7/17/2023 6:20	0.8	0.04	0.05	0.12	87.1	7/17/2023 5:25	7/17/2023 18:20	13.0	0.13	0.13	6,083.996
7/24/2023 17:25	7/24/2023 19:05	1.7	0.36	0.22	0.72	179.9	7/24/2023 17:25	7/25/2023 7:05	13.8	0.18	0.42	8,774.994
8/22/2023 22:00	8/23/2023 4:55	6.9	0.09	0.01	0.24	699.0	8/22/2023 21:55	8/23/2023 16:50	19.0	0.08	0.10	5,573.996
8/29/2023 5:10	8/29/2023 7:20	2.2	0.13	0.06	0.12	148.2	8/29/2023 5:10	8/29/2023 14:10	9.1	0.09	0.10	2,957.999
8/29/2023 14:10	8/29/2023 18:30	4.3	0.54	0.12	0.48	7.4	8/29/2023 14:10	8/30/2023 6:30	16.4	0.11	0.24	6,690.010
9/3/2023 17:20	9/3/2023 18:30	1.2	0.04	0.03	0.12	119.0	9/3/2023 17:20	9/4/2023 6:30	13.3	0.09	0.10	4,254.003
9/18/2023 3:00	9/18/2023 4:40	1.7	0.10	0.06	0.24	345.7	9/18/2023 3:00	9/18/2023 16:40	13.8	0.10	0.13	4,953.008
9/19/2023 19:10	9/20/2023 8:05	12.9	0.52	0.04	0.48	39.5	9/19/2023 19:10	9/20/2023 20:00	24.9	0.12	0.16	10,808.970
9/23/2023 13:15	9/23/2023 20:20	7.1	0.11	0.02	0.12	78.6	9/23/2023 13:15	9/24/2023 8:15	19.1	0.10	0.10	6,870.015
9/24/2023 14:55	9/25/2023 20:35	29.7	1.75	0.06	0.48	21.7	9/24/2023 14:55	9/26/2023 8:35	41.8	0.20	0.53	29,889.040
9/26/2023 10:35	9/26/2023 22:35	12.0	0.49	0.04	0.96	14.0	9/26/2023 10:30	9/27/2023 2:35	16.2	0.15	0.24	8,579.988
9/27/2023 2:35	9/28/2023 2:50	24.3	2.50	0.10	1.80	6.6	9/27/2023 2:35	9/28/2023 4:05	25.6	0.32	1.24	29,681.970
9/28/2023 4:10	9/28/2023 6:20	2.2	0.11	0.05	0.36	7.0	9/28/2023 4:05	9/28/2023 11:30	7.5	0.32	0.49	8,613.000
9/28/2023 11:30	9/28/2023 22:10	10.7	0.36	0.03	0.48	6.5	9/28/2023 11:30	9/29/2023 10:05	22.7	0.41	0.53	33,458.950

Table D-8. Summary Statistics for Individual Storm Events at the SEIMS Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 8:25	10/22/2022 11:30	27.1	0.95	0.04	0.48	1117.3	10/21/2022 8:25	10/22/2022 23:30	39.2	0.42	1.09	59,174.910
10/23/2022 23:30	10/24/2022 21:30	22.0	0.45	0.02	0.72	36.8	10/23/2022 23:25	10/25/2022 9:30	34.2	0.28	0.45	33,864.040
10/25/2022 11:50	10/26/2022 4:55	17.1	0.53	0.03	0.24	14.7	10/25/2022 11:45	10/26/2022 16:50	29.2	0.35	0.67	36,810.100
10/27/2022 21:00	10/28/2022 7:55	10.9	0.62	0.06	0.24	40.8	10/27/2022 20:55	10/28/2022 19:50	23.0	0.50	1.25	41,154.050
10/30/2022 0:25	10/30/2022 3:50	3.4	0.08	0.02	0.12	41.0	10/30/2022 0:20	10/30/2022 15:40	15.4	0.27	0.29	15,243.020
10/30/2022 15:40	10/31/2022 6:15	14.6	0.71	0.05	0.24	12.8	10/30/2022 15:40	10/31/2022 18:10	26.6	0.52	1.25	49,518.000
11/2/2022 0:10	11/2/2022 1:35	1.4	0.08	0.06	0.12	42.9	11/2/2022 0:10	11/2/2022 13:30	13.4	0.30	0.33	14,319.030
11/3/2022 11:55	11/4/2022 5:55	18.0	1.20	0.07	0.24	34.7	11/3/2022 11:55	11/4/2022 17:55	30.1	0.68	1.33	73,847.950
11/4/2022 21:35	11/4/2022 23:20	1.8	0.11	0.06	0.36	18.2	11/4/2022 21:30	11/5/2022 11:20	13.9	0.35	0.41	17,661.050
11/6/2022 1:50	11/6/2022 8:50	7.0	0.80	0.11	0.24	27.9	11/6/2022 1:50	11/6/2022 20:50	19.1	0.78	1.93	53,688.010
11/6/2022 22:35	11/7/2022 6:30	7.9	0.40	0.05	0.12	14.1	11/6/2022 22:35	11/7/2022 18:30	20.0	0.53	0.94	38,223.050
11/22/2022 7:35	11/22/2022 20:20	12.8	1.00	0.08	0.36	362.9	11/22/2022 7:30	11/23/2022 8:20	24.9	0.67	1.81	59,834.950
11/25/2022 6:20	11/25/2022 18:50	12.5	0.89	0.07	0.24	58.4	11/25/2022 6:20	11/26/2022 3:00	20.8	0.73	1.42	54,858.000
11/26/2022 3:05	11/26/2022 6:45	3.7	0.03	0.01	0.12	12.1	11/26/2022 3:00	11/26/2022 18:40	15.8	0.37	0.41	20,883.020
11/26/2022 23:45	11/27/2022 4:50	5.1	0.16	0.03	0.60	20.7	11/26/2022 23:45	11/27/2022 16:50	17.2	0.39	0.61	24,090.020
11/28/2022 2:00	11/28/2022 3:00	1.0	0.11	0.11	0.36	23.2	11/28/2022 2:00	11/28/2022 14:55	13.0	0.34	0.41	16,116.040
12/1/2022 12:05	12/1/2022 15:25	3.3	0.12	0.04	0.24	81.8	12/1/2022 12:00	12/2/2022 3:25	15.5	0.35	0.37	19,530.060
12/2/2022 12:20	12/2/2022 17:00	4.7	0.08	0.02	0.12	22.8	12/2/2022 12:20	12/3/2022 5:00	16.8	0.33	0.33	19,731.050
12/3/2022 10:25	12/3/2022 15:20	4.9	0.66	0.13	0.24	20.1	12/3/2022 10:25	12/4/2022 3:20	17.0	0.37	0.41	22,787.990
12/4/2022 13:10	12/4/2022 15:40	2.5	0.05	0.02	0.12	22.6	12/4/2022 13:05	12/5/2022 3:40	14.7	0.33	0.33	17,376.040
12/5/2022 11:05	12/5/2022 22:05	11.0	0.21	0.02	0.12	21.2	12/5/2022 11:00	12/6/2022 9:35	22.7	0.32	0.33	25,896.090
12/6/2022 9:35	12/6/2022 11:05	1.5	0.08	0.05	0.12	15.6	12/6/2022 9:35	12/6/2022 17:35	8.1	0.34	0.37	10,023.010
12/6/2022 17:40	12/7/2022 7:45	14.1	0.20	0.01	0.12	6.9	12/6/2022 17:35	12/7/2022 19:40	26.2	0.44	0.50	41,636.880
12/8/2022 1:35	12/8/2022 10:25	8.8	0.25	0.03	0.12	22.5	12/8/2022 1:30	12/8/2022 17:25	16.0	0.61	0.80	34,872.040
12/8/2022 17:30	12/8/2022 20:30	3.0	0.05	0.02	0.12	10.8	12/8/2022 17:25	12/9/2022 2:15	8.9	0.50	0.55	15,930.000
12/9/2022 2:20	12/9/2022 6:10	3.8	0.08	0.02	0.12	6.4	12/9/2022 2:15	12/9/2022 17:35	15.4	0.49	0.55	26,969.970
12/9/2022 17:35	12/11/2022 2:20	32.8	0.83	0.03	0.12	11.8	12/9/2022 17:35	12/11/2022 14:15	44.8	0.82	1.33	131,669.600
12/17/2022 13:50	12/18/2022 7:15	17.4	0.31	0.02	0.36	159.5	12/17/2022 13:50	12/18/2022 13:25	23.7	0.37	0.41	31,224.070
12/18/2022 13:25	12/18/2022 15:00	1.6	0.03	0.02	0.12	6.8	12/18/2022 13:25	12/19/2022 2:55	13.6	0.36	0.37	17,397.040
12/24/2022 1:50	12/24/2022 19:30	17.7	2.23	0.13	0.96	138.6	12/24/2022 1:50	12/25/2022 3:55	26.2	1.15	2.42	108,144.100
12/25/2022 3:55	12/25/2022 13:00	9.1	0.08	0.01	0.12	9.4	12/25/2022 3:55	12/25/2022 17:10	13.3	0.82	0.94	39,219.070
12/25/2022 17:10	12/26/2022 8:55	15.8	0.76	0.05	0.48	10.6	12/25/2022 17:10	12/26/2022 18:00	24.9	1.27	1.81	114,012.100
12/26/2022 18:05	12/27/2022 9:50	15.8	0.85	0.05	0.48	9.7	12/26/2022 18:00	12/27/2022 15:20	21.4	1.43	1.81	110,547.000
12/27/2022 15:25	12/28/2022 0:10	8.8	0.81	0.09	0.36	6.2	12/27/2022 15:20	12/28/2022 12:10	20.9	1.55	2.55	117,042.100
12/28/2022 21:20	12/28/2022 22:40	1.3	0.05	0.04	0.12	21.9	12/28/2022 21:20	12/29/2022 10:15	13.0	0.77	0.87	36,072.040
12/29/2022 10:20	12/30/2022 7:30	21.2	0.44	0.02	0.24	12.8	12/29/2022 10:15	12/30/2022 9:30	23.3	0.78	1.25	65,468.950
12/30/2022 9:30	12/30/2022 19:05	9.6	0.18	0.02	0.36	7.3	12/30/2022 9:30	12/31/2022 7:05	21.7	0.72	0.87	56,061.040
1/5/2023 23:20	1/6/2023 1:55	2.6	0.10	0.04	0.24	151.3	1/5/2023 23:20	1/6/2023 12:30	13.3	0.38	0.41	17,960.980
1/6/2023 12:30	1/6/2023 23:30	11.0	0.07	0.01	0.12	10.8	1/6/2023 12:30	1/7/2023 1:15	12.8	0.37	0.41	17,141.990
1/7/2023 1:20	1/7/2023 15:05	13.8	0.12	0.01	0.12	7.7	1/7/2023 1:15	1/8/2023 3:05	25.9	0.39	0.41	36,345.140
1/8/2023 6:30	1/8/2023 21:55	15.4	0.42	0.03	0.24	18.8	1/8/2023 6:30	1/9/2023 9:55	27.5	0.49	0.73	48,060.020
1/9/2023 14:20	1/9/2023 23:40	9.3	0.35	0.04	0.24	21.8	1/9/2023 14:20	1/10/2023 11:35	21.3	0.52	0.87	40,265.990

Table D-8. Summary Statistics for Individual Storm Events at the SEIMS Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/11/2023 21:20	1/13/2023 16:40	43.3	1.03	0.02	0.12	46.8	1/11/2023 21:20	1/13/2023 22:40	49.4	0.59	0.94	105,317.500
1/13/2023 22:40	1/14/2023 4:40	6.0	0.09	0.02	0.12	8.1	1/13/2023 22:40	1/14/2023 16:40	18.1	0.54	0.61	34,860.000
1/14/2023 22:40	1/15/2023 0:45	2.1	0.04	0.02	0.12	23.1	1/14/2023 22:40	1/15/2023 12:40	14.1	0.45	0.50	22,920.000
1/15/2023 13:05	1/15/2023 21:45	8.7	0.41	0.05	0.24	14.4	1/15/2023 13:05	1/16/2023 9:40	20.7	0.60	0.94	44,487.040
1/17/2023 18:40	1/18/2023 3:10	8.5	0.09	0.01	0.12	45.6	1/17/2023 18:40	1/18/2023 4:50	10.3	0.44	0.45	16,245.020
1/18/2023 4:55	1/18/2023 23:05	18.2	0.84	0.05	0.36	7.7	1/18/2023 4:50	1/19/2023 11:00	30.3	0.78	1.60	85,209.140
1/21/2023 11:25	1/22/2023 3:25	16.0	0.52	0.03	0.24	60.8	1/21/2023 11:25	1/22/2023 15:25	28.1	0.63	0.80	63,312.090
1/24/2023 17:05	1/25/2023 8:55	15.8	0.15	0.01	0.24	63.8	1/24/2023 17:00	1/25/2023 20:55	28.0	0.43	0.45	43,668.010
1/26/2023 18:55	1/27/2023 9:05	14.2	0.49	0.03	0.24	39.4	1/26/2023 18:55	1/27/2023 21:00	26.2	0.59	1.01	55,869.090
1/27/2023 21:05	1/28/2023 0:20	3.3	0.05	0.02	0.12	14.8	1/27/2023 21:00	1/28/2023 12:20	15.4	0.50	0.50	27,720.000
2/3/2023 12:30	2/4/2023 2:45	14.3	0.33	0.02	0.12	159.1	2/3/2023 12:30	2/4/2023 11:45	23.3	0.46	0.61	38,283.060
2/4/2023 11:45	2/4/2023 22:05	10.3	0.17	0.02	0.12	16.0	2/4/2023 11:45	2/5/2023 10:05	22.4	0.43	0.50	34,581.040
2/5/2023 11:45	2/5/2023 19:40	7.9	0.24	0.03	0.36	15.0	2/5/2023 11:45	2/6/2023 7:40	20.0	0.51	0.73	36,818.960
2/7/2023 10:50	2/7/2023 12:55	2.1	0.06	0.03	0.24	39.2	2/7/2023 10:50	2/8/2023 0:55	14.2	0.41	0.55	21,096.020
2/9/2023 22:30	2/10/2023 0:05	1.6	0.12	0.08	0.24	57.7	2/9/2023 22:25	2/10/2023 12:00	13.7	0.39	0.45	19,379.980
2/13/2023 11:20	2/13/2023 21:15	9.9	0.37	0.04	0.48	83.7	2/13/2023 11:15	2/14/2023 9:10	22.0	0.47	0.73	36,909.020
2/14/2023 10:40	2/14/2023 10:40	0.0	0.05	0.00	0.60	18.4	2/14/2023 10:40	2/14/2023 22:40	12.1	0.37	0.41	16,106.990
2/17/2023 3:25	2/17/2023 14:45	11.3	0.24	0.02	0.12	64.8	2/17/2023 3:20	2/18/2023 2:45	23.5	0.40	0.45	33,702.120
2/18/2023 12:50	2/18/2023 13:50	1.0	0.03	0.03	0.12	24.5	2/18/2023 12:45	2/19/2023 1:50	13.2	0.37	0.37	17,441.990
2/19/2023 2:40	2/20/2023 13:45	35.1	0.91	0.03	0.24	38.3	2/19/2023 2:35	2/20/2023 19:15	40.8	0.57	0.87	83,969.890
2/20/2023 19:15	2/21/2023 6:00	10.8	0.13	0.01	0.36	8.2	2/20/2023 19:15	2/21/2023 13:10	18.0	0.64	1.09	41,559.030
2/21/2023 13:10	2/21/2023 15:20	2.2	0.15	0.07	0.24	13.1	2/21/2023 13:10	2/22/2023 3:20	14.3	0.63	0.80	32,178.040
2/22/2023 5:40	2/22/2023 12:55	7.3	0.15	0.02	0.24	15.5	2/22/2023 5:40	2/23/2023 0:55	19.3	0.54	0.55	37,665.050
2/26/2023 3:45	2/26/2023 14:35	10.8	0.46	0.04	0.24	87.0	2/26/2023 3:40	2/27/2023 2:35	23.0	0.50	0.67	41,738.970
2/28/2023 0:20	2/28/2023 3:50	3.5	0.03	0.01	0.12	35.8	2/28/2023 0:20	2/28/2023 10:15	10.0	0.41	0.45	14,808.000
2/28/2023 10:20	2/28/2023 16:25	6.1	0.13	0.02	0.36	45.8	2/28/2023 10:15	3/1/2023 4:25	18.3	0.43	0.45	28,053.090
3/1/2023 21:05	3/2/2023 19:45	22.7	0.30	0.01	0.24	29.7	3/1/2023 21:00	3/3/2023 7:45	34.8	0.42	0.55	52,782.110
3/3/2023 15:05	3/4/2023 10:10	19.1	0.35	0.02	0.24	22.6	3/3/2023 15:00	3/4/2023 22:05	31.2	0.48	0.67	54,384.020
3/5/2023 18:40	3/6/2023 0:10	5.5	0.28	0.05	0.24	32.9	3/5/2023 18:40	3/6/2023 12:10	17.6	0.56	0.87	35,550.000
3/6/2023 15:25	3/6/2023 15:30	0.1	0.06	0.72	0.48	15.5	3/6/2023 15:20	3/7/2023 3:30	12.3	0.44	0.45	19,485.020
3/10/2023 2:50	3/10/2023 4:25	1.6	0.12	0.08	0.24	83.4	3/10/2023 2:45	3/10/2023 13:30	10.8	0.42	0.50	16,260.000
3/10/2023 13:35	3/11/2023 3:20	13.8	0.15	0.01	0.12	10.0	3/10/2023 13:30	3/11/2023 15:20	25.9	0.41	0.45	38,085.110
3/12/2023 13:15	3/13/2023 11:40	22.4	0.90	0.04	0.24	34.1	3/12/2023 13:15	3/13/2023 23:40	34.5	0.62	1.33	77,577.010
3/15/2023 2:50	3/15/2023 5:15	2.4	0.09	0.04	0.24	40.7	3/15/2023 2:45	3/15/2023 17:10	14.5	0.45	0.55	23,639.990
3/20/2023 1:45	3/21/2023 1:20	23.6	0.36	0.02	0.72	117.0	3/20/2023 1:40	3/21/2023 13:20	35.8	0.38	0.45	49,263.000
3/23/2023 8:20	3/23/2023 13:50	5.5	0.08	0.01	0.24	61.2	3/23/2023 8:15	3/24/2023 1:50	17.7	0.34	0.37	21,420.060
3/24/2023 2:25	3/24/2023 11:35	9.2	0.05	0.01	0.12	13.1	3/24/2023 2:25	3/24/2023 16:40	14.3	0.33	0.33	17,028.040
3/24/2023 16:40	3/25/2023 1:30	8.8	0.47	0.05	0.24	10.8	3/24/2023 16:40	3/25/2023 8:25	15.8	0.67	1.01	38,301.040
3/25/2023 8:25	3/25/2023 10:10	1.8	0.20	0.11	0.36	8.6	3/25/2023 8:25	3/25/2023 22:10	13.8	0.52	0.61	26,114.960
3/26/2023 17:40	3/26/2023 17:55	0.3	0.05	0.20	0.36	31.8	3/26/2023 17:35	3/27/2023 5:55	12.4	0.40	0.41	18,014.990
3/31/2023 11:25	3/31/2023 23:30	12.1	0.29	0.02	0.36	113.7	3/31/2023 11:25	4/1/2023 11:25	24.1	0.39	0.50	34,068.100
4/2/2023 1:00	4/2/2023 7:40	6.7	0.15	0.02	0.24	27.2	4/2/2023 1:00	4/2/2023 14:50	13.9	0.37	0.41	18,656.990

Table D-8. Summary Statistics for Individual Storm Events at the SEIMS Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/2/2023 14:50	4/3/2023 11:20	20.5	0.70	0.03	0.24	7.8	4/2/2023 14:50	4/3/2023 19:20	28.6	0.66	1.25	68,241.070
4/3/2023 19:20	4/4/2023 10:25	15.1	0.70	0.05	0.48	9.3	4/3/2023 19:20	4/4/2023 22:25	27.2	0.77	1.01	75,107.980
4/6/2023 3:15	4/7/2023 11:30	32.3	0.67	0.02	0.12	40.9	4/6/2023 3:10	4/7/2023 23:25	44.3	0.60	0.87	96,320.630
4/8/2023 10:45	4/8/2023 14:15	3.5	0.08	0.02	0.12	28.7	4/8/2023 10:40	4/8/2023 20:00	9.4	0.50	0.55	17,100.000
4/8/2023 20:00	4/9/2023 23:15	27.3	0.59	0.02	0.24	7.6	4/8/2023 20:00	4/10/2023 6:45	34.8	0.57	0.73	71,451.070
4/10/2023 6:50	4/11/2023 8:20	25.5	0.62	0.02	0.12	8.1	4/10/2023 6:45	4/11/2023 20:15	37.6	0.79	1.09	106,548.200
4/16/2023 8:35	4/16/2023 23:05	14.5	0.32	0.02	0.36	121.1	4/16/2023 8:35	4/17/2023 11:00	26.5	0.44	0.55	42,426.050
4/17/2023 15:35	4/17/2023 20:35	5.0	0.12	0.02	0.24	16.8	4/17/2023 15:35	4/18/2023 3:20	11.8	0.42	0.45	17,982.000
4/18/2023 3:20	4/18/2023 4:40	1.3	0.03	0.02	0.12	7.2	4/18/2023 3:20	4/18/2023 16:40	13.4	0.41	0.41	19,803.000
4/18/2023 17:30	4/18/2023 17:40	0.2	0.03	0.18	0.12	13.2	4/18/2023 17:25	4/19/2023 5:10	11.8	0.39	0.41	16,709.980
4/19/2023 5:10	4/19/2023 7:40	2.5	0.08	0.03	0.12	17.8	4/19/2023 5:10	4/19/2023 19:40	14.6	0.38	0.41	20,156.980
4/20/2023 15:40	4/21/2023 2:30	10.8	0.22	0.02	0.24	33.3	4/20/2023 15:40	4/21/2023 14:25	22.8	0.41	0.50	33,903.130
4/22/2023 19:10	4/23/2023 8:15	13.1	0.46	0.04	0.24	46.1	4/22/2023 19:05	4/23/2023 18:40	23.7	0.48	0.80	41,175.020
4/23/2023 18:40	4/24/2023 11:20	16.7	0.42	0.03	0.60	11.1	4/23/2023 18:40	4/24/2023 23:20	28.8	0.45	0.50	46,278.040
5/4/2023 19:50	5/5/2023 16:55	21.1	0.80	0.04	0.36	248.8	5/4/2023 19:50	5/5/2023 22:50	27.1	0.47	0.73	46,187.980
5/5/2023 22:50	5/6/2023 7:35	8.8	0.06	0.01	0.12	7.1	5/5/2023 22:50	5/6/2023 16:05	17.3	0.40	0.45	25,008.040
5/6/2023 16:05	5/6/2023 17:15	1.2	0.09	0.08	0.24	13.8	5/6/2023 16:05	5/7/2023 5:10	13.2	0.40	0.50	19,022.980
5/15/2023 20:45	5/16/2023 0:55	4.2	0.13	0.03	0.72	220.2	5/15/2023 20:45	5/16/2023 12:55	16.3	0.33	0.33	19,041.050
5/21/2023 17:35	5/22/2023 7:45	14.2	0.28	0.02	0.12	140.6	5/21/2023 17:35	5/22/2023 19:40	26.2	0.38	0.50	35,433.130
6/9/2023 12:40	6/10/2023 12:25	23.8	0.56	0.02	0.24	440.9	6/9/2023 12:40	6/11/2023 0:20	35.8	0.37	0.50	47,145.120
6/16/2023 18:05	6/16/2023 19:15	1.2	0.10	0.09	0.24	152.8	6/16/2023 18:00	6/17/2023 7:15	13.3	0.28	0.33	13,392.020
6/17/2023 11:45	6/17/2023 12:55	1.2	0.04	0.03	0.12	16.9	6/17/2023 11:45	6/17/2023 18:45	7.1	0.28	0.29	7,215.007
6/17/2023 18:45	6/18/2023 6:05	11.3	0.22	0.02	0.24	7.0	6/17/2023 18:45	6/18/2023 13:25	18.8	0.31	0.41	20,883.040
6/18/2023 13:25	6/18/2023 21:50	8.4	0.13	0.02	0.24	10.1	6/18/2023 13:25	6/19/2023 3:55	14.6	0.32	0.41	16,941.030
6/19/2023 4:00	6/19/2023 8:05	4.1	0.14	0.03	0.36	8.5	6/19/2023 3:55	6/19/2023 18:10	14.3	0.30	0.33	15,516.020
6/19/2023 18:15	6/20/2023 0:35	6.3	0.10	0.02	0.36	10.4	6/19/2023 18:10	6/20/2023 2:10	8.1	0.31	0.37	9,159.007
6/20/2023 2:10	6/20/2023 16:55	14.8	0.47	0.03	0.12	7.6	6/20/2023 2:10	6/21/2023 4:50	26.8	0.44	0.80	42,303.090
7/13/2023 14:15	7/13/2023 14:25	0.2	0.25	1.50	2.40	555.3	7/13/2023 14:10	7/14/2023 2:25	12.3	0.25	0.25	11,091.000
7/17/2023 5:30	7/17/2023 6:20	0.8	0.04	0.05	0.12	87.1	7/17/2023 5:25	7/17/2023 18:20	13.0	0.27	0.29	12,468.010
7/24/2023 17:25	7/24/2023 19:05	1.7	0.36	0.22	0.72	179.9	7/24/2023 17:25	7/25/2023 7:05	13.8	0.38	0.80	18,837.030
8/22/2023 22:00	8/23/2023 4:55	6.9	0.09	0.01	0.24	699.0	8/22/2023 21:55	8/23/2023 16:50	19.0	0.26	0.29	18,012.020
8/29/2023 5:10	8/29/2023 7:20	2.2	0.13	0.06	0.12	148.2	8/29/2023 5:10	8/29/2023 14:10	9.1	0.29	0.33	9,567.012
8/29/2023 14:10	8/29/2023 18:30	4.3	0.54	0.12	0.48	7.4	8/29/2023 14:10	8/30/2023 6:30	16.4	0.42	0.94	24,690.030
9/3/2023 17:20	9/3/2023 18:30	1.2	0.04	0.03	0.12	119.0	9/3/2023 17:20	9/4/2023 6:30	13.3	0.25	0.29	11,949.000
9/18/2023 3:00	9/18/2023 4:40	1.7	0.10	0.06	0.24	345.7	9/18/2023 3:00	9/18/2023 16:40	13.8	0.23	0.29	11,447.990
9/19/2023 19:10	9/20/2023 8:05	12.9	0.52	0.04	0.48	39.5	9/19/2023 19:10	9/20/2023 20:00	24.9	0.31	0.45	27,879.040
9/23/2023 13:15	9/23/2023 20:20	7.1	0.11	0.02	0.12	78.6	9/23/2023 13:15	9/24/2023 8:15	19.1	0.22	0.25	15,330.020
9/24/2023 14:55	9/25/2023 20:35	29.7	1.75	0.06	0.48	21.7	9/24/2023 14:55	9/26/2023 8:35	41.8	0.59	1.60	89,021.840
9/26/2023 10:35	9/26/2023 22:35	12.0	0.49	0.04	0.96	14.0	9/26/2023 10:30	9/27/2023 2:35	16.2	0.51	0.94	29,733.020
9/27/2023 2:35	9/28/2023 2:50	24.3	2.50	0.10	1.80	6.6	9/27/2023 2:35	9/28/2023 4:05	25.6	1.32	5.15	121,824.000
9/28/2023 4:10	9/28/2023 6:20	2.2	0.11	0.05	0.36	7.0	9/28/2023 4:05	9/28/2023 11:30	7.5	0.60	0.73	16,257.000
9/28/2023 11:30	9/28/2023 22:10	10.7	0.36	0.03	0.48	6.5	9/28/2023 11:30	9/29/2023 10:05	22.7	0.52	1.01	42,491.980

Table D-9. Summary Statistics for Individual Storm Events at the COUMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:35	10/22/2022 15:55	30.3	1.21	0.04	0.84	1117.3	10/21/2022 9:35	10/23/2022 3:55	42.4	0.76	6.63	115,827.000
10/24/2022 0:55	10/24/2022 17:20	16.4	0.20	0.01	0.36	33.6	10/24/2022 0:55	10/25/2022 5:20	28.5	0.29	0.69	29,462.940
10/25/2022 13:40	10/26/2022 1:00	11.3	0.37	0.03	0.24	21.2	10/25/2022 13:40	10/26/2022 12:55	23.3	0.53	2.32	44,640.000
10/27/2022 22:05	10/28/2022 8:40	10.6	0.73	0.07	0.48	46.0	10/27/2022 22:05	10/28/2022 20:35	22.6	0.99	4.33	80,655.160
10/30/2022 2:10	10/30/2022 4:15	2.1	0.05	0.02	0.12	41.8	10/30/2022 2:10	10/30/2022 16:15	14.2	0.29	0.33	14,667.040
10/30/2022 20:25	10/31/2022 7:00	10.6	0.73	0.07	0.36	17.4	10/30/2022 20:25	10/31/2022 18:55	22.6	1.25	5.27	101,820.300
11/2/2022 1:00	11/2/2022 5:25	4.4	0.15	0.03	0.24	42.7	11/2/2022 0:55	11/2/2022 17:25	16.6	0.44	1.78	26,220.050
11/3/2022 12:45	11/4/2022 3:35	14.8	0.66	0.04	0.12	33.7	11/3/2022 12:40	11/4/2022 15:30	26.9	1.11	2.96	107,682.000
11/4/2022 23:00	11/5/2022 6:00	7.0	0.06	0.01	0.24	19.8	11/4/2022 23:00	11/5/2022 17:55	19.0	0.42	1.24	28,845.040
11/6/2022 2:50	11/6/2022 9:40	6.8	0.84	0.12	0.24	27.7	11/6/2022 2:50	11/6/2022 21:40	18.9	1.78	5.79	121,350.000
11/6/2022 23:25	11/7/2022 5:25	6.0	0.21	0.04	0.24	14.1	11/6/2022 23:25	11/7/2022 16:40	17.3	0.90	2.96	56,406.100
11/7/2022 16:40	11/7/2022 16:50	0.2	0.03	0.18	0.12	12.5	11/7/2022 16:40	11/8/2022 4:50	12.3	0.40	0.52	17,658.000
11/9/2022 11:30	11/9/2022 13:25	1.9	0.03	0.02	0.24	48.8	11/9/2022 11:25	11/10/2022 1:25	14.1	0.33	0.39	16,893.040
11/22/2022 8:15	11/22/2022 16:35	8.3	1.08	0.13	0.60	357.6	11/22/2022 8:10	11/23/2022 4:30	20.4	1.60	6.63	117,252.000
11/25/2022 7:55	11/25/2022 17:05	9.2	0.90	0.10	0.24	63.7	11/25/2022 7:50	11/26/2022 5:00	21.3	1.62	3.90	123,783.100
11/27/2022 0:25	11/27/2022 6:45	6.3	0.21	0.03	0.84	32.6	11/27/2022 0:20	11/27/2022 18:40	18.4	0.69	4.78	45,587.890
11/28/2022 3:10	11/28/2022 9:05	5.9	0.08	0.01	0.24	23.2	11/28/2022 3:10	11/28/2022 21:00	17.9	0.43	0.78	27,563.970
11/29/2022 13:35	11/30/2022 22:55	33.3	1.65	0.05	0.24	34.2	11/29/2022 13:30	12/1/2022 10:50	45.4	1.86	4.55	303,497.700
12/1/2022 11:40	12/1/2022 16:00	4.3	0.08	0.02	0.12	17.7	12/1/2022 11:35	12/2/2022 4:00	16.5	0.84	1.05	50,112.030
12/2/2022 12:35	12/3/2022 16:45	28.2	0.55	0.02	0.12	22.6	12/2/2022 12:30	12/4/2022 4:40	40.3	1.09	2.18	157,836.400
12/4/2022 14:10	12/4/2022 20:05	5.9	0.07	0.01	0.12	23.5	12/4/2022 14:10	12/5/2022 8:05	18.0	0.66	0.89	42,822.040
12/5/2022 12:20	12/5/2022 22:50	10.5	0.10	0.01	0.12	18.8	12/5/2022 12:20	12/6/2022 10:50	22.6	0.56	0.60	45,611.950
12/6/2022 18:30	12/7/2022 6:45	12.3	0.12	0.01	0.12	26.2	12/6/2022 18:30	12/7/2022 18:40	24.3	0.67	0.97	58,476.210
12/8/2022 2:20	12/8/2022 12:05	9.8	0.25	0.03	0.12	23.0	12/8/2022 2:20	12/8/2022 20:10	17.9	0.88	1.91	56,874.100
12/8/2022 20:15	12/8/2022 22:55	2.7	0.04	0.02	0.12	12.7	12/8/2022 20:10	12/9/2022 3:20	7.3	0.69	1.14	17,888.980
12/9/2022 3:25	12/9/2022 6:55	3.5	0.08	0.02	0.24	7.2	12/9/2022 3:20	12/9/2022 16:15	13.0	0.66	1.24	30,752.940
12/9/2022 16:20	12/10/2022 23:30	31.2	0.80	0.03	0.12	9.7	12/9/2022 16:15	12/11/2022 11:25	43.3	1.25	2.47	194,133.400
12/12/2022 5:35	12/12/2022 6:50	1.3	0.05	0.04	0.12	35.7	12/12/2022 5:35	12/12/2022 18:45	13.3	0.62	0.97	29,516.930
12/17/2022 11:50	12/17/2022 23:45	11.9	0.16	0.01	0.12	125.9	12/17/2022 11:45	12/18/2022 7:25	19.8	0.50	0.78	35,861.910
12/18/2022 7:25	12/18/2022 7:50	0.4	0.04	0.10	0.12	9.0	12/18/2022 7:25	12/18/2022 14:35	7.3	0.45	0.78	11,826.000
12/18/2022 14:40	12/18/2022 20:20	5.7	0.06	0.01	0.12	7.2	12/18/2022 14:35	12/19/2022 8:15	17.8	0.53	1.44	33,764.930
12/19/2022 13:35	12/19/2022 16:05	2.5	0.05	0.02	0.12	22.5	12/19/2022 13:30	12/20/2022 4:05	14.7	0.50	0.52	26,153.970
12/20/2022 8:40	12/20/2022 14:25	5.8	0.18	0.03	0.24	18.8	12/20/2022 8:35	12/21/2022 2:25	17.9	0.88	3.70	56,508.130
12/23/2022 17:25	12/24/2022 20:15	26.8	1.88	0.07	0.36	79.3	12/23/2022 17:25	12/25/2022 6:55	37.6	2.15	10.03	291,431.800
12/25/2022 6:55	12/26/2022 9:40	26.8	1.06	0.04	1.08	11.2	12/25/2022 6:55	12/26/2022 18:40	35.8	1.85	6.34	238,271.800
12/26/2022 18:40	12/27/2022 23:30	28.8	1.32	0.05	0.24	10.0	12/26/2022 18:40	12/28/2022 11:25	40.8	1.96	5.79	287,789.900
12/28/2022 19:50	12/28/2022 23:25	3.6	0.05	0.01	0.24	21.8	12/28/2022 19:50	12/29/2022 11:25	15.7	0.72	1.05	40,707.030
12/29/2022 11:35	12/30/2022 22:55	35.3	0.66	0.02	0.48	12.8	12/29/2022 11:35	12/31/2022 10:50	47.3	0.97	7.55	164,939.800
1/5/2023 22:00	1/6/2023 1:50	3.8	0.07	0.02	0.12	149.1	1/5/2023 21:55	1/6/2023 11:55	14.1	0.20	0.52	9,981.008
1/6/2023 11:55	1/7/2023 18:05	30.2	0.26	0.01	0.12	11.2	1/6/2023 11:55	1/8/2023 5:55	42.1	0.30	0.60	44,847.170
1/8/2023 5:55	1/8/2023 21:40	15.8	0.41	0.03	0.24	16.2	1/8/2023 5:55	1/9/2023 9:40	27.8	0.58	2.04	58,494.060
1/9/2023 13:20	1/9/2023 23:55	10.6	0.43	0.04	0.24	20.8	1/9/2023 13:15	1/10/2023 11:55	22.8	0.74	3.13	60,573.050
1/11/2023 21:45	1/13/2023 16:40	42.9	0.89	0.02	0.24	47.1	1/11/2023 21:40	1/13/2023 22:05	48.5	0.76	1.91	132,000.300

Table D-9. Summary Statistics for Individual Storm Events at the COUMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/13/2023 22:10	1/14/2023 4:20	6.2	0.10	0.02	0.12	7.6	1/13/2023 22:05	1/14/2023 16:15	18.3	0.62	1.05	40,484.890
1/14/2023 22:25	1/14/2023 23:15	0.8	0.06	0.07	0.12	22.7	1/14/2023 22:25	1/15/2023 11:10	12.8	0.48	0.97	22,206.000
1/15/2023 12:50	1/15/2023 21:30	8.7	0.33	0.04	0.12	14.1	1/15/2023 12:45	1/16/2023 9:30	20.8	0.75	1.55	56,421.130
1/17/2023 4:55	1/17/2023 5:55	1.0	0.03	0.03	0.12	32.2	1/17/2023 4:50	1/17/2023 17:55	13.2	0.33	0.39	15,786.030
1/17/2023 17:55	1/17/2023 21:55	4.0	0.08	0.02	0.12	45.2	1/17/2023 17:55	1/18/2023 4:15	10.4	0.38	0.52	14,277.020
1/18/2023 4:15	1/19/2023 1:10	20.9	0.65	0.03	0.84	8.6	1/18/2023 4:15	1/19/2023 13:05	32.9	1.07	9.46	126,762.300
1/21/2023 11:20	1/22/2023 3:55	16.6	0.45	0.03	0.24	60.1	1/21/2023 11:20	1/22/2023 15:55	28.7	0.85	2.18	87,594.170
1/24/2023 18:00	1/25/2023 6:45	12.8	0.11	0.01	0.12	64.5	1/24/2023 17:55	1/25/2023 18:40	24.8	0.44	0.60	39,290.940
1/26/2023 19:05	1/27/2023 7:40	12.6	0.43	0.03	0.24	44.0	1/26/2023 19:05	1/27/2023 19:40	24.7	0.79	2.47	70,290.140
1/27/2023 21:25	1/28/2023 1:45	4.3	0.06	0.01	0.12	15.1	1/27/2023 21:20	1/28/2023 13:40	16.4	0.57	0.78	33,548.890
2/3/2023 12:25	2/4/2023 2:35	14.2	0.44	0.03	0.24	159.0	2/3/2023 12:20	2/4/2023 14:35	26.3	0.60	1.91	56,666.900
2/4/2023 14:50	2/4/2023 21:55	7.1	0.08	0.01	0.12	18.8	2/4/2023 14:45	2/5/2023 9:55	19.3	0.42	0.60	28,814.990
2/5/2023 11:55	2/5/2023 20:10	8.3	0.23	0.03	0.12	15.7	2/5/2023 11:55	2/6/2023 8:10	20.3	0.57	1.14	41,396.910
2/7/2023 7:05	2/7/2023 12:50	5.8	0.14	0.02	0.24	35.5	2/7/2023 7:05	2/8/2023 0:50	17.8	0.46	1.66	29,777.980
2/9/2023 22:15	2/10/2023 3:50	5.6	0.12	0.02	0.12	57.6	2/9/2023 22:15	2/10/2023 15:45	17.6	0.41	0.97	26,049.050
2/13/2023 14:45	2/13/2023 21:25	6.7	0.30	0.05	0.48	87.2	2/13/2023 14:45	2/14/2023 9:20	18.7	0.62	3.13	41,594.920
2/17/2023 3:35	2/17/2023 17:25	13.8	0.28	0.02	0.12	81.9	2/17/2023 3:30	2/18/2023 5:25	26.0	0.50	0.97	47,150.890
2/19/2023 3:40	2/20/2023 11:00	31.3	0.66	0.02	0.12	39.1	2/19/2023 3:40	2/20/2023 23:00	43.4	0.78	1.91	122,424.200
2/21/2023 13:25	2/21/2023 14:15	0.8	0.11	0.13	0.24	27.5	2/21/2023 13:25	2/22/2023 2:10	12.8	0.63	1.55	28,898.930
2/22/2023 5:25	2/22/2023 10:30	5.1	0.10	0.02	0.12	15.4	2/22/2023 5:25	2/22/2023 22:25	17.1	0.58	0.89	35,840.890
2/25/2023 23:30	2/26/2023 10:55	11.4	0.37	0.03	0.24	85.2	2/25/2023 23:30	2/26/2023 22:50	23.4	0.64	0.97	53,589.020
2/27/2023 23:30	2/28/2023 3:00	3.5	0.08	0.02	0.12	36.7	2/27/2023 23:25	2/28/2023 9:50	10.5	0.41	0.60	15,632.990
2/28/2023 9:50	2/28/2023 15:05	5.3	0.15	0.03	0.24	9.9	2/28/2023 9:50	3/1/2023 3:00	17.3	0.43	1.34	26,837.990
3/1/2023 21:00	3/2/2023 16:55	19.9	0.36	0.02	0.12	30.1	3/1/2023 20:55	3/3/2023 4:50	32.0	0.63	2.47	72,552.100
3/3/2023 14:45	3/3/2023 17:15	2.5	0.08	0.03	0.12	24.7	3/3/2023 14:45	3/3/2023 22:50	8.2	0.50	0.89	14,667.010
3/3/2023 22:55	3/4/2023 14:25	15.5	0.32	0.02	0.12	6.3	3/3/2023 22:50	3/5/2023 2:25	27.7	0.77	1.66	76,755.230
3/5/2023 19:55	3/5/2023 23:40	3.8	0.30	0.08	0.36	34.2	3/5/2023 19:50	3/6/2023 11:35	15.8	0.88	2.47	50,178.120
3/10/2023 2:45	3/10/2023 4:35	1.8	0.09	0.05	0.12	99.5	3/10/2023 2:45	3/10/2023 16:30	13.8	0.38	0.69	18,981.030
3/10/2023 17:10	3/11/2023 3:05	9.9	0.15	0.02	0.24	13.8	3/10/2023 17:10	3/11/2023 15:00	21.9	0.36	0.69	28,323.070
3/12/2023 14:20	3/13/2023 12:05	21.8	0.82	0.04	0.24	35.4	3/12/2023 14:15	3/14/2023 0:00	33.8	0.97	4.11	117,567.200
3/15/2023 2:30	3/15/2023 5:10	2.7	0.08	0.03	0.12	39.8	3/15/2023 2:25	3/15/2023 17:10	14.8	0.46	1.05	24,297.000
3/20/2023 1:30	3/20/2023 14:00	12.5	0.22	0.02	0.12	116.6	3/20/2023 1:25	3/21/2023 2:00	24.7	0.38	0.60	33,498.070
3/23/2023 11:45	3/23/2023 16:50	5.1	0.06	0.01	0.12	70.4	3/23/2023 11:45	3/24/2023 4:50	17.2	0.29	0.33	17,661.040
3/24/2023 17:15	3/25/2023 0:50	7.6	0.64	0.08	0.48	28.1	3/24/2023 17:10	3/25/2023 12:50	19.8	0.97	3.31	68,988.050
3/31/2023 11:15	3/31/2023 22:55	11.7	0.30	0.03	0.24	156.7	3/31/2023 11:10	4/1/2023 10:50	23.8	0.32	0.89	27,293.960
4/2/2023 0:45	4/2/2023 7:20	6.6	0.12	0.02	0.24	27.5	4/2/2023 0:40	4/2/2023 17:25	16.8	0.25	0.60	15,039.040
4/2/2023 17:25	4/2/2023 23:40	6.3	0.45	0.07	0.36	10.8	4/2/2023 17:25	4/3/2023 9:10	15.8	1.10	3.90	62,835.090
4/3/2023 9:15	4/3/2023 11:50	2.6	0.05	0.02	0.12	13.3	4/3/2023 9:10	4/3/2023 23:35	14.5	0.44	0.78	22,908.020
4/3/2023 23:35	4/4/2023 3:30	3.9	0.17	0.04	0.12	14.1	4/3/2023 23:35	4/4/2023 15:30	16.0	0.50	1.55	29,019.020
4/6/2023 5:55	4/7/2023 9:15	27.3	0.63	0.02	0.12	51.8	4/6/2023 5:55	4/7/2023 21:15	39.4	0.68	1.24	95,919.050
4/8/2023 11:35	4/8/2023 13:55	2.3	0.07	0.03	0.12	30.0	4/8/2023 11:35	4/8/2023 21:00	9.5	0.47	0.69	15,996.020
4/8/2023 21:05	4/10/2023 0:20	27.3	0.52	0.02	0.12	8.5	4/8/2023 21:00	4/10/2023 6:40	33.8	0.72	1.44	87,651.090
4/10/2023 6:40	4/11/2023 2:25	19.8	0.56	0.03	0.12	8.0	4/10/2023 6:40	4/11/2023 5:45	23.2	1.32	2.18	110,301.100

Table D-9. Summary Statistics for Individual Storm Events at the COUMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/11/2023 5:50	4/11/2023 10:20	4.5	0.05	0.01	0.12	7.1	4/11/2023 5:45	4/11/2023 22:15	16.6	0.89	1.24	53,286.010
4/16/2023 8:15	4/16/2023 16:00	7.8	0.23	0.03	0.12	121.7	4/16/2023 8:10	4/16/2023 22:25	14.3	0.56	1.05	28,700.930
4/16/2023 22:30	4/17/2023 3:05	4.6	0.07	0.02	0.24	10.8	4/16/2023 22:25	4/17/2023 14:25	16.1	0.45	0.69	25,925.990
4/17/2023 14:25	4/17/2023 20:15	5.8	0.15	0.03	0.36	15.8	4/17/2023 14:25	4/18/2023 2:50	12.5	0.53	1.55	23,753.970
4/18/2023 2:50	4/18/2023 4:55	2.1	0.05	0.02	0.12	6.9	4/18/2023 2:50	4/18/2023 11:00	8.3	0.47	0.60	13,878.010
4/18/2023 11:00	4/18/2023 12:50	1.8	0.03	0.02	0.12	7.8	4/18/2023 11:00	4/18/2023 17:15	6.3	0.43	0.60	9,888.001
4/18/2023 17:20	4/18/2023 17:40	0.3	0.06	0.18	0.24	12.4	4/18/2023 17:15	4/19/2023 2:25	9.3	0.45	0.78	14,955.000
4/19/2023 2:25	4/19/2023 7:25	5.0	0.07	0.01	0.12	9.0	4/19/2023 2:25	4/19/2023 19:25	17.1	0.45	0.60	27,383.990
4/20/2023 15:35	4/20/2023 21:25	5.8	0.25	0.04	0.12	33.9	4/20/2023 15:30	4/21/2023 9:20	17.9	0.62	1.34	40,175.900
4/22/2023 18:55	4/23/2023 8:00	13.1	0.38	0.03	0.24	46.8	4/22/2023 18:55	4/23/2023 20:00	25.2	0.73	1.55	66,279.130
4/23/2023 20:30	4/24/2023 5:15	8.8	0.20	0.02	0.12	13.2	4/23/2023 20:25	4/24/2023 17:10	20.8	0.71	1.05	53,244.170
5/4/2023 19:00	5/5/2023 20:25	25.4	0.64	0.03	0.12	255.8	5/4/2023 18:55	5/5/2023 23:00	28.2	0.53	1.44	54,042.040
5/5/2023 23:05	5/6/2023 5:55	6.8	0.06	0.01	0.12	7.3	5/5/2023 23:00	5/6/2023 15:45	16.8	0.32	0.39	19,668.040
5/6/2023 15:45	5/6/2023 16:50	1.1	0.04	0.04	0.12	13.4	5/6/2023 15:45	5/7/2023 4:50	13.2	0.27	0.33	13,008.030
5/15/2023 21:35	5/16/2023 1:20	3.8	0.03	0.01	0.12	221.8	5/15/2023 21:30	5/16/2023 13:15	15.8	0.14	0.17	8,234.993
5/21/2023 17:45	5/22/2023 6:50	13.1	0.19	0.01	0.12	362.0	5/21/2023 17:45	5/22/2023 18:45	25.1	0.18	0.29	16,106.980
6/9/2023 4:35	6/10/2023 12:05	31.5	0.53	0.02	0.12	430.9	6/9/2023 4:30	6/11/2023 0:00	43.6	0.23	0.89	35,843.910
6/16/2023 17:00	6/16/2023 22:10	5.2	0.19	0.04	0.36	149.9	6/16/2023 17:00	6/17/2023 10:10	17.3	0.22	1.55	13,718.970
6/17/2023 10:25	6/17/2023 11:50	1.4	0.04	0.03	0.12	15.8	6/17/2023 10:25	6/17/2023 21:10	10.8	0.16	0.24	6,185.996
6/17/2023 21:15	6/18/2023 3:20	6.1	0.04	0.01	0.24	10.8	6/17/2023 21:10	6/18/2023 12:55	15.8	0.19	0.60	11,052.000
6/18/2023 13:00	6/18/2023 18:45	5.8	0.21	0.04	0.36	15.7	6/18/2023 12:55	6/19/2023 6:40	17.8	0.23	1.44	14,783.980
6/19/2023 17:50	6/20/2023 1:25	7.6	0.11	0.01	0.24	23.3	6/19/2023 17:45	6/20/2023 2:10	8.5	0.20	0.45	6,161.999
6/20/2023 2:10	6/20/2023 16:30	14.3	0.34	0.02	0.12	7.8	6/20/2023 2:10	6/21/2023 4:30	26.4	0.34	0.69	32,612.930
7/24/2023 17:30	7/25/2023 0:30	7.0	0.32	0.05	0.84	819.7	7/24/2023 17:25	7/25/2023 12:30	19.2	0.27	3.90	18,605.960
8/7/2023 2:00	8/7/2023 9:30	7.5	0.11	0.01	0.36	319.2	8/7/2023 2:00	8/7/2023 21:30	19.6	0.14	0.89	9,698.990
8/22/2023 23:30	8/23/2023 3:00	3.5	0.09	0.03	0.36	380.1	8/22/2023 23:25	8/23/2023 14:55	15.6	0.15	0.45	8,636.995
8/24/2023 10:15	8/24/2023 10:15	0.0	0.02	0.00	0.24	33.6	8/24/2023 10:15	8/24/2023 22:15	12.1	0.10	0.14	4,197.000
8/29/2023 15:40	8/29/2023 18:10	2.5	0.25	0.10	0.24	159.0	8/29/2023 15:40	8/30/2023 6:10	14.6	0.32	1.66	17,055.020
9/18/2023 3:00	9/18/2023 4:45	1.8	0.16	0.09	0.24	465.2	9/18/2023 2:55	9/18/2023 16:40	13.8	0.15	0.60	7,653.002
9/19/2023 19:30	9/20/2023 7:05	11.6	0.41	0.04	0.36	39.1	9/19/2023 19:30	9/20/2023 19:05	23.7	0.31	1.44	26,745.000
9/23/2023 12:55	9/23/2023 20:10	7.3	0.12	0.02	0.24	79.7	9/23/2023 12:55	9/24/2023 8:10	19.3	0.13	0.24	9,117.021
9/24/2023 14:10	9/26/2023 1:50	35.7	1.75	0.05	2.88	21.2	9/24/2023 14:10	9/26/2023 12:40	46.6	0.81	9.46	136,272.100
9/26/2023 12:40	9/27/2023 2:05	13.4	0.44	0.03	0.36	16.2	9/26/2023 12:40	9/27/2023 2:15	13.7	1.06	3.50	52,302.020
9/27/2023 2:20	9/27/2023 9:15	6.9	0.48	0.07	0.24	6.3	9/27/2023 2:15	9/27/2023 15:40	13.5	1.11	2.79	53,718.050
9/27/2023 15:40	9/27/2023 20:35	4.9	1.15	0.23	1.92	7.2	9/27/2023 15:40	9/28/2023 2:25	10.8	1.95	12.53	76,176.020
9/28/2023 2:30	9/28/2023 9:25	6.9	0.17	0.02	0.48	6.3	9/28/2023 2:25	9/28/2023 13:05	10.8	1.00	2.96	38,802.030
9/28/2023 13:10	9/28/2023 19:05	5.9	0.32	0.05	0.96	8.1	9/28/2023 13:05	9/29/2023 7:05	18.1	0.98	2.79	63,570.110

Table D-10. Summary Statistics for Individual Storm Events at the COUMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:35	10/22/2022 15:55	30.3	1.21	0.04	0.84	1117.3	10/21/2022 9:35	10/23/2022 3:55	42.4	0.07	1.55	11,088.010
10/24/2022 0:55	10/24/2022 17:20	16.4	0.20	0.01	0.36	33.6	10/24/2022 0:55	10/25/2022 5:20	28.5	0.02	0.05	2,123.999
10/25/2022 13:40	10/26/2022 1:00	11.3	0.37	0.03	0.24	21.2	10/25/2022 13:40	10/26/2022 12:55	23.3	0.03	0.25	2,559.004
10/27/2022 22:05	10/28/2022 8:40	10.6	0.73	0.07	0.48	46.0	10/27/2022 22:05	10/28/2022 20:35	22.6	0.10	0.60	7,899.012
10/30/2022 2:10	10/30/2022 4:15	2.1	0.05	0.02	0.12	41.8	10/30/2022 2:10	10/30/2022 16:15	14.2	0.02	0.02	1,019.999
10/30/2022 20:25	10/31/2022 7:00	10.6	0.73	0.07	0.36	17.4	10/30/2022 20:25	10/31/2022 18:55	22.6	0.10	0.60	8,214.018
11/2/2022 1:00	11/2/2022 5:25	4.4	0.15	0.03	0.24	42.7	11/2/2022 0:55	11/2/2022 17:25	16.6	0.02	0.17	1,428.001
11/3/2022 12:45	11/4/2022 3:35	14.8	0.66	0.04	0.12	33.7	11/3/2022 12:40	11/4/2022 15:30	26.9	0.08	0.44	7,398.017
11/4/2022 23:00	11/5/2022 6:00	7.0	0.06	0.01	0.24	19.8	11/4/2022 23:00	11/5/2022 17:55	19.0	0.02	0.06	1,475.999
11/6/2022 2:50	11/6/2022 9:40	6.8	0.84	0.12	0.24	27.7	11/6/2022 2:50	11/6/2022 21:40	18.9	0.22	1.18	15,039.000
11/6/2022 23:25	11/7/2022 5:25	6.0	0.21	0.04	0.24	14.1	11/6/2022 23:25	11/7/2022 16:40	17.3	0.08	0.48	4,812.003
11/7/2022 16:40	11/7/2022 16:50	0.2	0.03	0.18	0.12	12.5	11/7/2022 16:40	11/8/2022 4:50	12.3	0.03	0.04	1,103.999
11/9/2022 11:30	11/9/2022 13:25	1.9	0.03	0.02	0.24	48.8	11/9/2022 11:25	11/10/2022 1:25	14.1	0.02	0.02	1,013.999
11/22/2022 8:15	11/22/2022 16:35	8.3	1.08	0.13	0.60	357.6	11/22/2022 8:10	11/23/2022 4:30	20.4	0.15	1.18	11,325.010
11/25/2022 7:55	11/25/2022 17:05	9.2	0.90	0.10	0.24	63.7	11/25/2022 7:50	11/26/2022 5:00	21.3	0.15	0.44	11,580.010
11/27/2022 0:25	11/27/2022 6:45	6.3	0.21	0.03	0.84	32.6	11/27/2022 0:20	11/27/2022 18:40	18.4	0.05	0.66	3,050.998
11/28/2022 3:10	11/28/2022 9:05	5.9	0.08	0.01	0.24	23.2	11/28/2022 3:10	11/28/2022 21:00	17.9	0.03	0.05	1,688.999
11/29/2022 13:35	11/30/2022 22:55	33.3	1.65	0.05	0.24	34.2	11/29/2022 13:30	12/1/2022 10:50	45.4	0.23	0.73	37,212.020
12/1/2022 11:40	12/1/2022 16:00	4.3	0.08	0.02	0.12	17.7	12/1/2022 11:35	12/2/2022 4:00	16.5	0.08	0.10	4,631.996
12/2/2022 12:35	12/3/2022 16:45	28.2	0.55	0.02	0.12	22.6	12/2/2022 12:30	12/4/2022 4:40	40.3	0.09	0.19	12,666.050
12/4/2022 14:10	12/4/2022 20:05	5.9	0.07	0.01	0.12	23.5	12/4/2022 14:10	12/5/2022 8:05	18.0	0.05	0.06	3,246.005
12/5/2022 12:20	12/5/2022 22:50	10.5	0.10	0.01	0.12	18.8	12/5/2022 12:20	12/6/2022 10:50	22.6	0.05	0.05	3,726.003
12/6/2022 18:30	12/7/2022 6:45	12.3	0.12	0.01	0.12	26.2	12/6/2022 18:30	12/7/2022 18:40	24.3	0.06	0.07	5,031.009
12/8/2022 2:20	12/8/2022 12:05	9.8	0.25	0.03	0.12	23.0	12/8/2022 2:20	12/8/2022 20:10	17.9	0.09	0.22	5,903.992
12/8/2022 20:15	12/8/2022 22:55	2.7	0.04	0.02	0.12	12.7	12/8/2022 20:10	12/9/2022 3:20	7.3	0.07	0.12	1,926.001
12/9/2022 3:25	12/9/2022 6:55	3.5	0.08	0.02	0.24	7.2	12/9/2022 3:20	12/9/2022 16:15	13.0	0.07	0.12	3,180.006
12/9/2022 16:20	12/10/2022 23:30	31.2	0.80	0.03	0.12	9.7	12/9/2022 16:15	12/11/2022 11:25	43.3	0.16	0.28	24,764.980
12/12/2022 5:35	12/12/2022 6:50	1.3	0.05	0.04	0.12	35.7	12/12/2022 5:35	12/12/2022 18:45	13.3	0.07	0.10	3,198.007
12/17/2022 11:50	12/17/2022 23:45	11.9	0.16	0.01	0.12	125.9	12/17/2022 11:45	12/18/2022 7:25	19.8	0.05	0.06	3,225.005
12/18/2022 7:25	12/18/2022 7:50	0.4	0.04	0.10	0.12	9.0	12/18/2022 7:25	12/18/2022 14:35	7.3	0.05	0.08	1,310.999
12/18/2022 14:40	12/18/2022 20:20	5.7	0.06	0.01	0.12	7.2	12/18/2022 14:35	12/19/2022 8:15	17.8	0.06	0.12	3,615.007
12/19/2022 13:35	12/19/2022 16:05	2.5	0.05	0.02	0.12	22.5	12/19/2022 13:30	12/20/2022 4:05	14.7	0.05	0.05	2,385.003
12/20/2022 8:40	12/20/2022 14:25	5.8	0.18	0.03	0.24	18.8	12/20/2022 8:35	12/21/2022 2:25	17.9	0.10	0.48	6,542.998
12/23/2022 17:25	12/24/2022 20:15	26.8	1.88	0.07	0.36	79.3	12/23/2022 17:25	12/25/2022 6:55	37.6	0.47	2.89	62,940.020
12/25/2022 6:55	12/26/2022 9:40	26.8	1.06	0.04	1.08	11.2	12/25/2022 6:55	12/26/2022 18:40	35.8	0.46	2.19	58,779.000
12/26/2022 18:40	12/27/2022 23:30	28.8	1.32	0.05	0.24	10.0	12/26/2022 18:40	12/28/2022 11:25	40.8	0.53	2.01	78,332.990
12/28/2022 19:50	12/28/2022 23:25	3.6	0.05	0.01	0.24	21.8	12/28/2022 19:50	12/29/2022 11:25	15.7	0.20	0.25	11,406.000
12/29/2022 11:35	12/30/2022 22:55	35.3	0.66	0.02	0.48	12.8	12/29/2022 11:35	12/31/2022 10:50	47.3	0.26	3.39	44,949.090
1/5/2023 22:00	1/6/2023 1:50	3.8	0.07	0.02	0.12	149.1	1/5/2023 21:55	1/6/2023 11:55	14.1	0.06	0.12	3,234.005
1/6/2023 11:55	1/7/2023 18:05	30.2	0.26	0.01	0.12	11.2	1/6/2023 11:55	1/8/2023 5:55	42.1	0.07	0.12	10,805.990
1/8/2023 5:55	1/8/2023 21:40	15.8	0.41	0.03	0.24	16.2	1/8/2023 5:55	1/9/2023 9:40	27.8	0.15	0.54	15,374.950

Table D-10. Summary Statistics for Individual Storm Events at the COUMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/9/2023 13:20	1/9/2023 23:55	10.6	0.43	0.04	0.24	20.8	1/9/2023 13:15	1/10/2023 11:55	22.8	0.21	0.98	17,000.950
1/11/2023 21:45	1/13/2023 16:40	42.9	0.89	0.02	0.24	47.1	1/11/2023 21:40	1/13/2023 22:05	48.5	0.19	0.48	33,017.940
1/13/2023 22:10	1/14/2023 4:20	6.2	0.10	0.02	0.12	7.6	1/13/2023 22:05	1/14/2023 16:15	18.3	0.17	0.25	10,847.990
1/14/2023 22:25	1/14/2023 23:15	0.8	0.06	0.07	0.12	22.7	1/14/2023 22:25	1/15/2023 11:10	12.8	0.13	0.22	6,003.007
1/15/2023 12:50	1/15/2023 21:30	8.7	0.33	0.04	0.12	14.1	1/15/2023 12:45	1/16/2023 9:30	20.8	0.19	0.39	13,871.970
1/17/2023 4:55	1/17/2023 5:55	1.0	0.03	0.03	0.12	32.2	1/17/2023 4:50	1/17/2023 17:55	13.2	0.10	0.10	4,740.007
1/17/2023 17:55	1/17/2023 21:55	4.0	0.08	0.02	0.12	45.2	1/17/2023 17:55	1/18/2023 4:15	10.4	0.11	0.14	4,014.005
1/18/2023 4:15	1/19/2023 1:10	20.9	0.65	0.03	0.84	8.6	1/18/2023 4:15	1/19/2023 13:05	32.9	0.27	3.93	31,638.030
1/21/2023 11:20	1/22/2023 3:55	16.6	0.45	0.03	0.24	60.1	1/21/2023 11:20	1/22/2023 15:55	28.7	0.18	0.54	18,236.940
1/24/2023 18:00	1/25/2023 6:45	12.8	0.11	0.01	0.12	64.5	1/24/2023 17:55	1/25/2023 18:40	24.8	0.09	0.12	7,715.999
1/26/2023 19:05	1/27/2023 7:40	12.6	0.43	0.03	0.24	44.0	1/26/2023 19:05	1/27/2023 19:40	24.7	0.16	0.60	14,381.970
1/27/2023 21:25	1/28/2023 1:45	4.3	0.06	0.01	0.12	15.1	1/27/2023 21:20	1/28/2023 13:40	16.4	0.12	0.14	7,062.010
2/3/2023 12:25	2/4/2023 2:35	14.2	0.44	0.03	0.24	159.0	2/3/2023 12:20	2/4/2023 14:35	26.3	0.11	0.39	10,404.030
2/4/2023 14:50	2/4/2023 21:55	7.1	0.08	0.01	0.12	18.8	2/4/2023 14:45	2/5/2023 9:55	19.3	0.08	0.10	5,660.996
2/5/2023 11:55	2/5/2023 20:10	8.3	0.23	0.03	0.12	15.7	2/5/2023 11:55	2/6/2023 8:10	20.3	0.11	0.22	8,001.013
2/7/2023 7:05	2/7/2023 12:50	5.8	0.14	0.02	0.24	35.5	2/7/2023 7:05	2/8/2023 0:50	17.8	0.09	0.35	5,657.999
2/9/2023 22:15	2/10/2023 3:50	5.6	0.12	0.02	0.12	57.6	2/9/2023 22:15	2/10/2023 15:45	17.6	0.08	0.17	5,012.989
2/13/2023 14:45	2/13/2023 21:25	6.7	0.30	0.05	0.48	87.2	2/13/2023 14:45	2/14/2023 9:20	18.7	0.12	0.89	8,187.000
2/17/2023 3:35	2/17/2023 17:25	13.8	0.28	0.02	0.12	81.9	2/17/2023 3:30	2/18/2023 5:25	26.0	0.08	0.17	7,646.986
2/19/2023 3:40	2/20/2023 11:00	31.3	0.66	0.02	0.12	39.1	2/19/2023 3:40	2/20/2023 23:00	43.4	0.13	0.39	20,996.960
2/21/2023 13:25	2/21/2023 14:15	0.8	0.11	0.13	0.24	27.5	2/21/2023 13:25	2/22/2023 2:10	12.8	0.12	0.39	5,409.005
2/22/2023 5:25	2/22/2023 10:30	5.1	0.10	0.02	0.12	15.4	2/22/2023 5:25	2/22/2023 22:25	17.1	0.10	0.14	6,336.012
2/25/2023 23:30	2/26/2023 10:55	11.4	0.37	0.03	0.24	85.2	2/25/2023 23:30	2/26/2023 22:50	23.4	0.11	0.17	9,660.013
2/27/2023 23:30	2/28/2023 3:00	3.5	0.08	0.02	0.12	36.7	2/27/2023 23:25	2/28/2023 9:50	10.5	0.08	0.12	3,017.996
2/28/2023 9:50	2/28/2023 15:05	5.3	0.15	0.03	0.24	9.9	2/28/2023 9:50	3/1/2023 3:00	17.3	0.08	0.31	5,192.997
3/1/2023 21:00	3/2/2023 16:55	19.9	0.36	0.02	0.12	30.1	3/1/2023 20:55	3/3/2023 4:50	32.0	0.12	0.54	14,210.950
3/3/2023 14:45	3/3/2023 17:15	2.5	0.08	0.03	0.12	24.7	3/3/2023 14:45	3/3/2023 22:50	8.2	0.10	0.17	2,913.000
3/3/2023 22:55	3/4/2023 14:25	15.5	0.32	0.02	0.12	6.3	3/3/2023 22:50	3/5/2023 2:25	27.7	0.15	0.35	15,227.950
3/5/2023 19:55	3/5/2023 23:40	3.8	0.30	0.08	0.36	34.2	3/5/2023 19:50	3/6/2023 11:35	15.8	0.19	0.54	10,619.990
3/10/2023 2:45	3/10/2023 4:35	1.8	0.09	0.05	0.12	99.5	3/10/2023 2:45	3/10/2023 16:30	13.8	0.08	0.12	3,788.994
3/10/2023 17:10	3/11/2023 3:05	9.9	0.15	0.02	0.24	13.8	3/10/2023 17:10	3/11/2023 15:00	21.9	0.07	0.12	5,753.989
3/12/2023 14:20	3/13/2023 12:05	21.8	0.82	0.04	0.24	35.4	3/12/2023 14:15	3/14/2023 0:00	33.8	0.20	1.18	24,020.960
3/15/2023 2:30	3/15/2023 5:10	2.7	0.08	0.03	0.12	39.8	3/15/2023 2:25	3/15/2023 17:10	14.8	0.10	0.25	5,280.003
3/20/2023 1:30	3/20/2023 14:00	12.5	0.22	0.02	0.12	116.6	3/20/2023 1:25	3/21/2023 2:00	24.7	0.07	0.12	6,494.981
3/23/2023 11:45	3/23/2023 16:50	5.1	0.06	0.01	0.12	70.4	3/23/2023 11:45	3/24/2023 4:50	17.2	0.06	0.07	3,732.007
3/24/2023 17:15	3/25/2023 0:50	7.6	0.64	0.08	0.48	28.1	3/24/2023 17:10	3/25/2023 12:50	19.8	0.20	0.81	14,180.960
3/31/2023 11:15	3/31/2023 22:55	11.7	0.30	0.03	0.24	156.7	3/31/2023 11:10	4/1/2023 10:50	23.8	0.07	0.17	6,350.986
4/2/2023 0:45	4/2/2023 7:20	6.6	0.12	0.02	0.24	27.5	4/2/2023 0:40	4/2/2023 17:25	16.8	0.06	0.14	3,885.010
4/2/2023 17:25	4/2/2023 23:40	6.3	0.45	0.07	0.36	10.8	4/2/2023 17:25	4/3/2023 9:10	15.8	0.24	1.18	13,553.970
4/3/2023 9:15	4/3/2023 11:50	2.6	0.05	0.02	0.12	13.3	4/3/2023 9:10	4/3/2023 23:35	14.5	0.10	0.17	5,130.003
4/3/2023 23:35	4/4/2023 3:30	3.9	0.17	0.04	0.12	14.1	4/3/2023 23:35	4/4/2023 15:30	16.0	0.12	0.39	7,008.009

Table D-10. Summary Statistics for Individual Storm Events at the COUMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/6/2023 5:55	4/7/2023 9:15	27.3	0.63	0.02	0.12	51.8	4/6/2023 5:55	4/7/2023 21:15	39.4	0.13	0.22	18,821.930
4/8/2023 11:35	4/8/2023 13:55	2.3	0.07	0.03	0.12	30.0	4/8/2023 11:35	4/8/2023 21:00	9.5	0.09	0.14	3,083.998
4/8/2023 21:05	4/10/2023 0:20	27.3	0.52	0.02	0.12	8.5	4/8/2023 21:00	4/10/2023 6:40	33.8	0.14	0.31	16,748.970
4/10/2023 6:40	4/11/2023 2:25	19.8	0.56	0.03	0.12	8.0	4/10/2023 6:40	4/11/2023 5:45	23.2	0.29	0.54	24,239.960
4/11/2023 5:50	4/11/2023 10:20	4.5	0.05	0.01	0.12	7.1	4/11/2023 5:45	4/11/2023 22:15	16.6	0.22	0.31	13,097.970
4/16/2023 8:15	4/16/2023 16:00	7.8	0.23	0.03	0.12	121.7	4/16/2023 8:10	4/16/2023 22:25	14.3	0.10	0.19	5,172.001
4/16/2023 22:30	4/17/2023 3:05	4.6	0.07	0.02	0.24	10.8	4/16/2023 22:25	4/17/2023 14:25	16.1	0.08	0.14	4,805.996
4/17/2023 14:25	4/17/2023 20:15	5.8	0.15	0.03	0.36	15.8	4/17/2023 14:25	4/18/2023 2:50	12.5	0.09	0.39	4,260.000
4/18/2023 2:50	4/18/2023 4:55	2.1	0.05	0.02	0.12	6.9	4/18/2023 2:50	4/18/2023 11:00	8.3	0.08	0.10	2,453.998
4/18/2023 11:00	4/18/2023 12:50	1.8	0.03	0.02	0.12	7.8	4/18/2023 11:00	4/18/2023 17:15	6.3	0.08	0.10	1,826.999
4/18/2023 17:20	4/18/2023 17:40	0.3	0.06	0.18	0.24	12.4	4/18/2023 17:15	4/19/2023 2:25	9.3	0.08	0.14	2,678.998
4/19/2023 2:25	4/19/2023 7:25	5.0	0.07	0.01	0.12	9.0	4/19/2023 2:25	4/19/2023 19:25	17.1	0.08	0.10	4,658.990
4/20/2023 15:35	4/20/2023 21:25	5.8	0.25	0.04	0.12	33.9	4/20/2023 15:30	4/21/2023 9:20	17.9	0.10	0.25	6,528.002
4/22/2023 18:55	4/23/2023 8:00	13.1	0.38	0.03	0.24	46.8	4/22/2023 18:55	4/23/2023 20:00	25.2	0.11	0.28	10,230.020
4/23/2023 20:30	4/24/2023 5:15	8.8	0.20	0.02	0.12	13.2	4/23/2023 20:25	4/24/2023 17:10	20.8	0.11	0.17	8,388.014
5/4/2023 19:00	5/5/2023 20:25	25.4	0.64	0.03	0.12	255.8	5/4/2023 18:55	5/5/2023 23:00	28.2	0.10	0.28	9,906.014
5/5/2023 23:05	5/6/2023 5:55	6.8	0.06	0.01	0.12	7.3	5/5/2023 23:00	5/6/2023 15:45	16.8	0.07	0.08	4,289.995
5/6/2023 15:45	5/6/2023 16:50	1.1	0.04	0.04	0.12	13.4	5/6/2023 15:45	5/7/2023 4:50	13.2	0.06	0.07	2,916.002
5/15/2023 21:35	5/16/2023 1:20	3.8	0.03	0.01	0.12	221.8	5/15/2023 21:30	5/16/2023 13:15	15.8	0.04	0.05	2,294.998
5/21/2023 17:45	5/22/2023 6:50	13.1	0.19	0.01	0.12	362.0	5/21/2023 17:45	5/22/2023 18:45	25.1	0.04	0.06	4,029.001
6/9/2023 4:35	6/10/2023 12:05	31.5	0.53	0.02	0.12	430.9	6/9/2023 4:30	6/11/2023 0:00	43.6	0.05	0.17	7,929.006
6/16/2023 17:00	6/16/2023 22:10	5.2	0.19	0.04	0.36	149.9	6/16/2023 17:00	6/17/2023 10:10	17.3	0.05	0.48	3,297.000
6/17/2023 10:25	6/17/2023 11:50	1.4	0.04	0.03	0.12	15.8	6/17/2023 10:25	6/17/2023 21:10	10.8	0.04	0.06	1,625.999
6/17/2023 21:15	6/18/2023 3:20	6.1	0.04	0.01	0.24	10.8	6/17/2023 21:10	6/18/2023 12:55	15.8	0.04	0.14	2,468.999
6/18/2023 13:00	6/18/2023 18:45	5.8	0.21	0.04	0.36	15.7	6/18/2023 12:55	6/19/2023 6:40	17.8	0.05	0.48	3,372.001
6/19/2023 17:50	6/20/2023 1:25	7.6	0.11	0.01	0.24	23.3	6/19/2023 17:45	6/20/2023 2:10	8.5	0.05	0.08	1,403.999
6/20/2023 2:10	6/20/2023 16:30	14.3	0.34	0.02	0.12	7.8	6/20/2023 2:10	6/21/2023 4:30	26.4	0.07	0.14	6,737.975
7/24/2023 17:30	7/25/2023 0:30	7.0	0.32	0.05	0.84	819.7	7/24/2023 17:25	7/25/2023 12:30	19.2	0.07	2.01	5,145.010
8/7/2023 2:00	8/7/2023 9:30	7.5	0.11	0.01	0.36	319.2	8/7/2023 2:00	8/7/2023 21:30	19.6	0.02	0.22	1,709.999
8/22/2023 23:30	8/23/2023 3:00	3.5	0.09	0.03	0.36	380.1	8/22/2023 23:25	8/23/2023 14:55	15.6	0.03	0.10	1,845.004
8/24/2023 10:15	8/24/2023 10:15	0.0	0.02	0.00	0.24	33.6	8/24/2023 10:15	8/24/2023 22:15	12.1	0.02	0.03	1,013.999
8/29/2023 15:40	8/29/2023 18:10	2.5	0.25	0.10	0.24	159.0	8/29/2023 15:40	8/30/2023 6:10	14.6	0.06	0.35	3,312.001
9/18/2023 3:00	9/18/2023 4:45	1.8	0.16	0.09	0.24	465.2	9/18/2023 2:55	9/18/2023 16:40	13.8	0.05	0.17	2,619.001
9/19/2023 19:30	9/20/2023 7:05	11.6	0.41	0.04	0.36	39.1	9/19/2023 19:30	9/20/2023 19:05	23.7	0.08	0.44	7,172.977
9/23/2023 12:55	9/23/2023 20:10	7.3	0.12	0.02	0.24	79.7	9/23/2023 12:55	9/24/2023 8:10	19.3	0.04	0.07	3,090.000
9/24/2023 14:10	9/26/2023 1:50	35.7	1.75	0.05	2.88	21.2	9/24/2023 14:10	9/26/2023 12:40	46.6	0.20	3.10	33,695.930
9/26/2023 12:40	9/27/2023 2:05	13.4	0.44	0.03	0.36	16.2	9/26/2023 12:40	9/27/2023 2:15	13.7	0.23	1.82	11,388.000
9/27/2023 2:20	9/27/2023 9:15	6.9	0.48	0.07	0.24	6.3	9/27/2023 2:15	9/27/2023 15:40	13.5	0.24	0.72	11,774.990
9/27/2023 15:40	9/27/2023 20:35	4.9	1.15	0.23	1.92	7.2	9/27/2023 15:40	9/28/2023 2:25	10.8	0.41	3.10	16,128.000
9/28/2023 2:30	9/28/2023 9:25	6.9	0.17	0.02	0.48	6.3	9/28/2023 2:25	9/28/2023 13:05	10.8	0.19	0.90	7,481.995
9/28/2023 13:10	9/28/2023 19:05	5.9	0.32	0.05	0.96	8.1	9/28/2023 13:05	9/29/2023 7:05	18.1	0.19	1.00	12,641.980

Table D-11. Summary Statistics for Individual Storm Events at the TYLMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:30	10/22/2022 15:35	30.1	0.91	0.03	0.36	1117.8	10/21/2022 9:30	10/23/2022 3:30	42.1	0.89	4.31	135,305.800
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 1:00	10/25/2022 4:15	27.3	0.57	10.79	56,354.980
10/25/2022 12:50	10/26/2022 1:15	12.4	0.36	0.03	0.24	20.7	10/25/2022 12:45	10/26/2022 13:15	24.6	1.11	10.39	98,384.860
10/27/2022 21:50	10/28/2022 9:05	11.3	0.69	0.06	0.36	45.9	10/27/2022 21:50	10/28/2022 21:00	23.3	2.31	10.20	193,754.800
10/30/2022 1:45	10/30/2022 4:50	3.1	0.05	0.02	0.12	41.4	10/30/2022 1:40	10/30/2022 16:50	15.3	0.37	0.86	20,580.040
10/30/2022 19:55	10/31/2022 6:55	11.0	0.68	0.06	0.36	16.2	10/30/2022 19:50	10/31/2022 18:55	23.2	4.21	12.78	351,036.000
11/1/2022 23:50	11/2/2022 6:05	6.3	0.16	0.03	0.24	41.8	11/1/2022 23:45	11/2/2022 18:00	18.3	1.37	4.99	90,698.960
11/3/2022 13:00	11/4/2022 5:35	16.6	0.96	0.06	0.24	34.1	11/3/2022 12:55	11/4/2022 17:35	28.8	4.51	10.39	466,446.700
11/4/2022 22:40	11/4/2022 23:00	0.3	0.05	0.15	0.24	19.2	11/4/2022 22:40	11/5/2022 11:00	12.4	1.45	3.42	64,713.020
11/5/2022 17:10	11/5/2022 17:25	0.3	0.07	0.28	0.36	18.3	11/5/2022 17:10	11/6/2022 2:45	9.7	1.41	4.31	49,232.970
11/6/2022 2:50	11/6/2022 9:45	6.9	0.78	0.11	0.24	9.6	11/6/2022 2:45	11/6/2022 21:40	19.0	5.09	11.98	347,901.200
11/6/2022 23:40	11/7/2022 5:40	6.0	0.29	0.05	0.12	14.3	11/6/2022 23:35	11/7/2022 11:35	12.1	3.89	10.00	169,131.000
11/7/2022 11:35	11/7/2022 16:50	5.3	0.04	0.01	0.12	7.1	11/7/2022 11:35	11/8/2022 4:50	17.3	1.36	2.23	84,684.000
11/22/2022 8:10	11/22/2022 16:45	8.6	1.02	0.12	0.48	356.6	11/22/2022 8:10	11/23/2022 4:40	20.6	4.67	13.38	346,082.500
11/25/2022 7:50	11/25/2022 16:55	9.1	0.87	0.10	0.24	63.5	11/25/2022 7:50	11/26/2022 2:55	19.2	4.93	10.59	340,469.900
11/26/2022 2:55	11/26/2022 4:40	1.8	0.06	0.03	0.12	11.1	11/26/2022 2:55	11/26/2022 16:40	13.8	1.56	2.67	77,726.990
11/27/2022 3:30	11/27/2022 4:05	0.6	0.18	0.31	0.84	23.7	11/27/2022 3:30	11/27/2022 16:05	12.7	1.50	7.43	68,582.980
11/28/2022 3:05	11/28/2022 4:10	1.1	0.09	0.08	0.36	23.2	11/28/2022 3:05	11/28/2022 16:05	13.1	0.93	3.16	43,947.050
11/29/2022 14:35	11/30/2022 16:40	26.1	0.75	0.03	0.12	35.3	11/29/2022 14:35	12/1/2022 4:40	38.2	2.28	6.98	313,769.300
12/3/2022 3:55	12/3/2022 13:55	10.0	0.54	0.05	0.36	62.2	12/3/2022 3:55	12/4/2022 1:50	22.0	1.00	2.23	78,837.030
12/4/2022 12:40	12/4/2022 14:30	1.8	0.04	0.02	0.12	22.9	12/4/2022 12:40	12/5/2022 2:25	13.8	0.24	0.26	11,999.990
12/6/2022 19:00	12/7/2022 7:00	12.0	0.10	0.01	0.12	54.3	12/6/2022 18:55	12/7/2022 18:55	24.1	0.48	1.36	41,871.000
12/8/2022 2:55	12/8/2022 11:25	8.5	0.24	0.03	0.12	24.0	12/8/2022 2:55	12/8/2022 18:00	15.2	1.11	2.91	60,393.080
12/8/2022 18:05	12/9/2022 3:00	8.9	0.10	0.01	0.24	10.6	12/8/2022 18:00	12/9/2022 4:05	10.2	0.55	1.09	20,025.000
12/9/2022 4:05	12/9/2022 7:10	3.1	0.07	0.02	0.12	7.2	12/9/2022 4:05	12/9/2022 18:10	14.2	0.53	2.44	27,024.010
12/9/2022 18:10	12/10/2022 22:35	28.4	0.92	0.03	0.24	11.5	12/9/2022 18:10	12/11/2022 10:30	40.4	2.41	8.40	349,979.400
12/17/2022 12:15	12/18/2022 0:30	12.3	0.18	0.01	0.12	162.2	12/17/2022 12:10	12/18/2022 5:55	17.8	0.26	0.86	16,436.970
12/18/2022 5:55	12/18/2022 8:20	2.4	0.07	0.03	0.12	6.4	12/18/2022 5:55	12/18/2022 20:15	14.4	0.56	2.23	28,899.010
12/19/2022 13:05	12/19/2022 14:55	1.8	0.06	0.03	0.12	28.8	12/19/2022 13:05	12/20/2022 2:55	13.9	0.15	0.21	7,316.995
12/20/2022 9:40	12/20/2022 15:25	5.8	0.10	0.02	0.12	19.9	12/20/2022 9:40	12/21/2022 3:20	17.8	0.63	2.44	40,236.000
12/21/2022 12:45	12/21/2022 15:20	2.6	0.04	0.02	0.12	25.3	12/21/2022 12:40	12/22/2022 3:20	14.8	0.11	0.14	6,053.994
12/23/2022 19:25	12/24/2022 19:15	23.8	1.72	0.07	0.48	54.7	12/23/2022 19:25	12/25/2022 6:55	35.6	4.01	14.59	513,942.600
12/25/2022 6:55	12/26/2022 9:30	26.6	0.95	0.04	0.84	14.4	12/25/2022 6:55	12/26/2022 18:40	35.8	3.75	11.38	483,303.200
12/26/2022 18:45	12/28/2022 0:45	30.0	1.44	0.05	0.36	10.3	12/26/2022 18:40	12/28/2022 12:40	42.1	4.69	12.58	710,633.200
12/29/2022 12:25	12/30/2022 8:50	20.4	0.36	0.02	0.24	37.2	12/29/2022 12:20	12/30/2022 10:25	22.2	1.59	5.35	127,164.000
12/30/2022 10:25	12/30/2022 19:55	9.5	0.12	0.01	0.12	7.3	12/30/2022 10:25	12/31/2022 7:50	21.5	1.06	2.44	81,909.050
12/31/2022 14:30	12/31/2022 20:40	6.2	0.07	0.01	0.24	25.4	12/31/2022 14:25	1/1/2023 8:40	18.3	0.59	2.91	39,089.990
1/5/2023 23:20	1/6/2023 6:20	7.0	0.05	0.01	0.12	122.8	1/5/2023 23:20	1/6/2023 12:10	12.9	0.15	0.52	7,059.013
1/6/2023 12:10	1/7/2023 18:10	30.0	0.23	0.01	0.12	12.7	1/6/2023 12:10	1/8/2023 6:10	42.1	0.29	0.70	43,293.090
1/8/2023 6:20	1/8/2023 21:45	15.4	0.41	0.03	0.24	16.6	1/8/2023 6:20	1/9/2023 9:30	27.3	1.25	6.94	122,253.000
1/9/2023 9:35	1/9/2023 23:00	13.4	0.40	0.03	0.24	17.1	1/9/2023 9:30	1/10/2023 11:00	25.6	1.25	8.00	114,954.100

Table D-11. Summary Statistics for Individual Storm Events at the TYLMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/11/2023 21:45	1/13/2023 16:50	43.1	0.89	0.02	0.12	47.1	1/11/2023 21:40	1/13/2023 22:25	48.8	1.47	5.98	257,717.300
1/13/2023 22:25	1/14/2023 4:35	6.2	0.12	0.02	0.12	7.7	1/13/2023 22:25	1/14/2023 16:30	18.2	0.95	3.36	62,193.110
1/14/2023 22:35	1/15/2023 0:40	2.1	0.04	0.02	0.12	22.8	1/14/2023 22:30	1/15/2023 12:40	14.3	0.37	0.92	18,966.010
1/15/2023 13:05	1/15/2023 21:25	8.3	0.33	0.04	0.24	14.5	1/15/2023 13:05	1/16/2023 9:20	20.3	1.36	4.72	99,399.090
1/17/2023 16:55	1/17/2023 22:15	5.3	0.10	0.02	0.12	44.1	1/17/2023 16:50	1/18/2023 4:25	11.7	0.39	0.92	16,476.000
1/18/2023 4:25	1/19/2023 3:30	23.1	0.68	0.03	0.36	8.3	1/18/2023 4:25	1/19/2023 15:30	35.2	1.98	10.36	251,012.600
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	1.24	5.12	125,229.000
1/24/2023 16:50	1/25/2023 5:35	12.8	0.12	0.01	0.12	63.4	1/24/2023 16:50	1/25/2023 17:35	24.8	0.19	0.44	17,360.950
1/26/2023 19:30	1/27/2023 7:10	11.7	0.42	0.04	0.24	42.2	1/26/2023 19:25	1/27/2023 19:05	23.8	1.22	8.36	104,619.000
1/27/2023 21:00	1/28/2023 2:15	5.3	0.06	0.01	0.12	14.8	1/27/2023 20:55	1/28/2023 14:10	17.3	0.38	1.04	23,685.010
2/3/2023 12:15	2/4/2023 2:00	13.8	0.40	0.03	0.12	158.2	2/3/2023 12:10	2/4/2023 14:00	25.9	0.70	3.67	65,330.970
2/4/2023 14:00	2/4/2023 21:50	7.8	0.12	0.02	0.12	18.1	2/4/2023 14:00	2/5/2023 9:50	19.9	0.29	1.04	20,546.970
2/5/2023 11:40	2/5/2023 19:40	8.0	0.27	0.03	0.24	15.0	2/5/2023 11:40	2/6/2023 7:40	20.1	0.74	5.54	53,513.960
2/7/2023 8:05	2/7/2023 12:55	4.8	0.10	0.02	0.24	36.6	2/7/2023 8:00	2/8/2023 0:55	17.0	0.36	3.06	21,794.970
2/9/2023 22:30	2/10/2023 1:30	3.0	0.05	0.02	0.12	57.8	2/9/2023 22:25	2/10/2023 13:30	15.2	0.17	0.92	9,132.010
2/13/2023 11:35	2/13/2023 21:40	10.1	0.25	0.02	0.48	84.9	2/13/2023 11:35	2/14/2023 9:40	22.2	0.54	8.72	43,047.010
2/17/2023 3:30	2/17/2023 19:00	15.5	0.22	0.01	0.12	80.6	2/17/2023 3:30	2/18/2023 6:55	27.5	0.19	0.80	18,353.980
2/18/2023 13:05	2/18/2023 13:50	0.8	0.04	0.05	0.12	24.8	2/18/2023 13:05	2/19/2023 1:50	12.8	0.08	0.31	3,906.003
2/19/2023 3:25	2/20/2023 11:20	31.9	0.70	0.02	0.12	14.3	2/19/2023 3:20	2/20/2023 19:05	39.8	1.01	4.35	145,164.100
2/20/2023 19:10	2/20/2023 23:55	4.8	0.07	0.01	0.12	9.0	2/20/2023 19:05	2/21/2023 11:55	16.9	0.51	0.92	31,260.020
2/21/2023 13:00	2/21/2023 19:15	6.3	0.06	0.01	0.12	13.4	2/21/2023 12:55	2/22/2023 5:15	16.4	0.36	1.18	21,257.980
2/22/2023 5:20	2/22/2023 11:30	6.2	0.10	0.02	0.12	16.2	2/22/2023 5:15	2/22/2023 23:30	18.3	0.32	0.70	21,152.970
2/25/2023 23:35	2/26/2023 11:15	11.7	0.41	0.04	0.24	84.5	2/25/2023 23:35	2/26/2023 23:10	23.7	0.92	2.79	78,650.970
2/27/2023 23:40	2/28/2023 3:20	3.7	0.10	0.03	0.12	36.8	2/27/2023 23:35	2/28/2023 10:15	10.8	0.26	0.60	9,983.993
2/28/2023 10:15	2/28/2023 15:25	5.2	0.17	0.03	0.24	9.5	2/28/2023 10:15	3/1/2023 3:20	17.2	0.63	5.12	39,009.010
3/1/2023 22:30	3/2/2023 16:25	17.9	0.25	0.01	0.24	31.4	3/1/2023 22:25	3/3/2023 4:25	30.1	0.43	3.67	46,037.980
3/3/2023 14:50	3/4/2023 10:00	19.2	0.33	0.02	0.12	28.6	3/3/2023 14:50	3/4/2023 21:55	31.2	0.60	3.36	67,388.970
3/5/2023 18:30	3/6/2023 1:05	6.6	0.38	0.06	0.36	32.8	3/5/2023 18:30	3/6/2023 13:05	18.7	1.55	8.90	104,118.000
3/6/2023 15:10	3/6/2023 17:45	2.6	0.06	0.02	0.36	15.5	3/6/2023 15:10	3/7/2023 5:45	14.7	0.31	0.52	16,343.980
3/10/2023 2:40	3/10/2023 5:30	2.8	0.12	0.04	0.12	83.5	3/10/2023 2:35	3/10/2023 13:15	10.8	0.27	1.50	10,497.000
3/10/2023 13:20	3/11/2023 3:00	13.7	0.15	0.01	0.24	9.8	3/10/2023 13:15	3/11/2023 15:00	25.8	0.21	3.06	19,745.980
3/12/2023 14:25	3/13/2023 11:25	21.0	0.75	0.04	0.24	35.6	3/12/2023 14:25	3/13/2023 23:25	33.1	1.50	8.54	178,325.900
3/15/2023 4:00	3/15/2023 5:05	1.1	0.08	0.07	0.24	43.8	3/15/2023 3:55	3/15/2023 17:00	13.2	0.26	2.07	12,404.980
3/20/2023 1:40	3/20/2023 19:35	17.9	0.26	0.01	0.24	117.1	3/20/2023 1:40	3/21/2023 7:30	29.9	0.15	0.52	16,113.000
3/23/2023 8:05	3/23/2023 17:20	9.3	0.09	0.01	0.12	61.5	3/23/2023 8:00	3/24/2023 5:15	21.3	0.07	0.52	5,705.993
3/24/2023 7:35	3/24/2023 8:20	0.8	0.03	0.04	0.12	18.3	3/24/2023 7:30	3/24/2023 17:10	9.8	0.06	0.09	2,120.999
3/24/2023 17:10	3/25/2023 1:45	8.6	0.66	0.08	0.60	27.9	3/24/2023 17:10	3/25/2023 7:25	14.3	2.93	9.81	151,362.000
3/25/2023 7:25	3/25/2023 9:35	2.2	0.12	0.06	0.12	7.2	3/25/2023 7:25	3/25/2023 21:30	14.2	0.61	1.04	31,041.010
3/26/2023 17:40	3/26/2023 18:00	0.3	0.12	0.36	0.60	32.6	3/26/2023 17:35	3/27/2023 5:55	12.4	0.35	4.35	15,647.970
3/31/2023 11:25	3/31/2023 22:40	11.3	0.25	0.02	0.36	113.5	3/31/2023 11:25	4/1/2023 10:40	23.3	0.23	1.18	19,562.970
4/2/2023 0:50	4/2/2023 7:20	6.5	0.14	0.02	0.24	27.8	4/2/2023 0:45	4/2/2023 17:15	16.6	0.16	1.67	9,276.003

Table D-11. Summary Statistics for Individual Storm Events at the TYLMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/2/2023 17:20	4/3/2023 1:35	8.3	0.33	0.04	0.36	10.3	4/2/2023 17:15	4/3/2023 8:45	15.6	0.74	3.36	41,363.980
4/3/2023 8:50	4/3/2023 13:55	5.1	0.15	0.03	0.24	10.9	4/3/2023 8:45	4/3/2023 23:00	14.3	0.52	3.67	26,621.990
4/3/2023 23:05	4/4/2023 7:40	8.6	0.41	0.05	0.24	13.3	4/3/2023 23:00	4/4/2023 19:40	20.8	1.44	8.00	107,649.000
4/6/2023 6:00	4/7/2023 6:25	24.4	0.61	0.03	0.12	47.6	4/6/2023 5:55	4/7/2023 18:20	36.5	0.93	2.79	122,315.900
4/8/2023 10:40	4/8/2023 14:05	3.4	0.08	0.02	0.12	29.1	4/8/2023 10:40	4/8/2023 21:40	11.1	0.25	0.60	9,959.991
4/8/2023 21:45	4/10/2023 2:45	29.0	0.51	0.02	0.24	9.2	4/8/2023 21:40	4/10/2023 6:45	33.2	0.80	2.79	95,162.970
4/10/2023 6:50	4/11/2023 2:20	19.5	0.52	0.03	0.12	8.2	4/10/2023 6:45	4/11/2023 5:25	22.8	1.59	4.00	130,143.000
4/11/2023 5:30	4/11/2023 12:20	6.8	0.05	0.01	0.12	7.0	4/11/2023 5:25	4/12/2023 0:20	19.0	0.60	1.18	41,291.980
4/16/2023 8:10	4/16/2023 16:05	7.9	0.28	0.04	0.24	122.2	4/16/2023 8:10	4/16/2023 22:30	14.4	0.52	2.53	27,074.980
4/16/2023 22:35	4/16/2023 23:10	0.6	0.07	0.12	0.24	10.8	4/16/2023 22:30	4/17/2023 11:10	12.8	0.19	0.80	8,841.002
4/17/2023 14:25	4/17/2023 20:15	5.8	0.11	0.02	0.24	15.7	4/17/2023 14:25	4/18/2023 2:55	12.6	0.21	1.04	9,440.997
4/18/2023 2:55	4/18/2023 4:20	1.4	0.03	0.02	0.12	6.9	4/18/2023 2:55	4/18/2023 11:40	8.8	0.14	0.31	4,373.998
4/18/2023 11:40	4/18/2023 17:45	6.1	0.08	0.01	0.12	15.4	4/18/2023 11:40	4/19/2023 2:35	15.0	0.11	0.44	5,895.003
4/19/2023 2:40	4/19/2023 7:25	4.8	0.06	0.01	0.12	9.2	4/19/2023 2:35	4/19/2023 19:25	16.9	0.11	0.31	6,506.998
4/20/2023 15:40	4/21/2023 2:40	11.0	0.26	0.02	0.12	34.0	4/20/2023 15:40	4/21/2023 14:35	23.0	0.38	2.07	31,346.980
4/22/2023 19:05	4/23/2023 7:30	12.4	0.31	0.03	0.24	46.0	4/22/2023 19:05	4/23/2023 19:05	24.1	0.58	4.00	50,571.010
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	0.35	0.92	32,423.980
5/4/2023 23:45	5/5/2023 16:35	16.8	0.70	0.04	0.24	254.8	5/4/2023 23:45	5/5/2023 23:10	23.5	0.93	5.12	78,311.980
5/5/2023 23:10	5/6/2023 7:05	7.9	0.07	0.01	0.12	7.2	5/5/2023 23:10	5/6/2023 11:35	12.5	0.23	0.37	10,418.990
5/6/2023 11:35	5/6/2023 17:05	5.5	0.05	0.01	0.12	9.2	5/6/2023 11:35	5/7/2023 5:00	17.5	0.20	3.67	12,363.000
5/15/2023 21:00	5/16/2023 6:10	9.2	0.07	0.01	0.12	221.2	5/15/2023 20:55	5/16/2023 18:10	21.3	0.01	0.03	851.999
5/21/2023 17:25	5/22/2023 7:10	13.8	0.29	0.02	0.12	137.5	5/21/2023 17:25	5/22/2023 19:05	25.8	0.13	1.18	11,757.010
6/9/2023 4:40	6/9/2023 8:15	3.6	0.03	0.01	0.12	434.3	6/9/2023 4:40	6/9/2023 12:45	8.2	0.01	0.01	294.000
6/9/2023 12:50	6/10/2023 12:00	23.2	0.49	0.02	0.24	442.5	6/9/2023 12:45	6/10/2023 23:55	35.3	0.16	1.50	20,006.950
6/16/2023 17:45	6/16/2023 19:20	1.6	0.14	0.09	0.24	150.2	6/16/2023 17:45	6/17/2023 7:15	13.6	0.11	1.67	5,481.017
6/17/2023 11:10	6/17/2023 12:25	1.3	0.03	0.02	0.12	16.6	6/17/2023 11:10	6/17/2023 18:40	7.6	0.02	0.02	546.000
6/17/2023 18:40	6/18/2023 3:55	9.3	0.17	0.02	0.24	13.9	6/17/2023 18:40	6/18/2023 13:05	18.5	0.22	4.72	14,373.000
6/18/2023 13:05	6/18/2023 21:25	8.3	0.22	0.03	0.24	9.8	6/18/2023 13:05	6/19/2023 7:25	18.4	0.30	6.45	19,679.980
6/19/2023 7:25	6/19/2023 7:30	0.1	0.03	0.36	0.24	12.7	6/19/2023 7:25	6/19/2023 17:55	10.6	0.04	0.11	1,493.999
6/19/2023 17:55	6/19/2023 19:25	1.5	0.10	0.07	0.24	20.5	6/19/2023 17:55	6/20/2023 2:00	8.2	0.31	3.36	9,198.000
6/20/2023 2:00	6/20/2023 10:55	8.9	0.27	0.03	0.12	7.7	6/20/2023 2:00	6/20/2023 22:50	20.9	0.49	2.07	36,596.970
7/13/2023 11:00	7/13/2023 11:10	0.2	0.24	1.44	2.04	554.1	7/13/2023 11:00	7/13/2023 23:10	12.3	0.01	0.01	441.000
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.02	0.09	813.000
7/24/2023 17:15	7/24/2023 19:00	1.8	0.33	0.19	0.48	179.9	7/24/2023 17:10	7/25/2023 6:55	13.8	0.85	9.81	42,236.950
8/7/2023 2:20	8/7/2023 3:55	1.6	0.13	0.08	0.36	319.6	8/7/2023 2:15	8/7/2023 15:55	13.8	0.09	2.29	4,608.008
8/22/2023 23:40	8/23/2023 3:15	3.6	0.06	0.02	0.12	380.0	8/22/2023 23:35	8/23/2023 15:10	15.7	0.03	0.17	1,424.999
8/29/2023 5:25	8/29/2023 7:50	2.4	0.07	0.03	0.12	149.6	8/29/2023 5:25	8/29/2023 15:10	9.8	0.03	0.14	1,181.999
8/29/2023 15:15	8/29/2023 18:10	2.9	0.28	0.10	0.36	8.3	8/29/2023 15:10	8/30/2023 6:10	15.1	0.83	8.54	45,243.010
9/18/2023 2:50	9/18/2023 7:30	4.7	0.10	0.02	0.12	464.9	9/18/2023 2:45	9/18/2023 19:30	16.8	0.14	2.53	8,592.013
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.74	6.94	62,742.010
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.07	0.60	4,761.006

Table D-11. Summary Statistics for Individual Storm Events at the TYLMO Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	2.78	13.32	416,369.700
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	1.92	8.90	95,477.990
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	4.14	16.92	495,765.600
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	1.74	8.54	120,282.000

Table D-12. Summary Statistics for Individual Storm Events at the TYLMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
10/21/2022 9:30	10/22/2022 15:35	30.1	0.91	0.03	0.36	1117.8	10/21/2022 9:30	10/23/2022 3:30	42.1	0.03	0.04	4,520.986
10/24/2022 1:00	10/24/2022 16:15	15.3	0.24	0.02	0.72	35.8	10/24/2022 1:00	10/25/2022 4:15	27.3	0.02	0.04	2,310.010
10/25/2022 12:50	10/26/2022 1:15	12.4	0.36	0.03	0.24	20.7	10/25/2022 12:45	10/26/2022 13:15	24.6	0.02	0.03	1,715.999
10/27/2022 21:50	10/28/2022 9:05	11.3	0.69	0.06	0.36	45.9	10/27/2022 21:50	10/28/2022 21:00	23.3	0.05	0.10	4,052.990
10/30/2022 1:45	10/30/2022 4:50	3.1	0.05	0.02	0.12	41.4	10/30/2022 1:40	10/30/2022 16:50	15.3	0.03	0.03	1,400.999
10/30/2022 19:55	10/31/2022 6:55	11.0	0.68	0.06	0.36	16.2	10/30/2022 19:50	10/31/2022 18:55	23.2	0.06	0.10	4,820.993
11/1/2022 23:50	11/2/2022 6:05	6.3	0.16	0.03	0.24	41.8	11/1/2022 23:45	11/2/2022 18:00	18.3	0.04	0.04	2,456.998
11/3/2022 13:00	11/4/2022 5:35	16.6	0.96	0.06	0.24	34.1	11/3/2022 12:55	11/4/2022 17:35	28.8	0.13	0.27	13,727.980
11/4/2022 22:40	11/4/2022 23:00	0.3	0.05	0.15	0.24	19.2	11/4/2022 22:40	11/5/2022 11:00	12.4	0.16	0.23	7,286.989
11/5/2022 17:10	11/5/2022 17:25	0.3	0.07	0.28	0.36	18.3	11/5/2022 17:10	11/6/2022 2:45	9.7	0.12	0.15	4,215.008
11/6/2022 2:50	11/6/2022 9:45	6.9	0.78	0.11	0.24	9.6	11/6/2022 2:45	11/6/2022 21:40	19.0	0.29	0.52	19,842.020
11/6/2022 23:40	11/7/2022 5:40	6.0	0.29	0.05	0.12	14.3	11/6/2022 23:35	11/7/2022 11:35	12.1	0.29	0.32	12,741.000
11/7/2022 11:35	11/7/2022 16:50	5.3	0.04	0.01	0.12	7.1	11/7/2022 11:35	11/8/2022 4:50	17.3	0.20	0.27	12,444.010
11/22/2022 8:10	11/22/2022 16:45	8.6	1.02	0.12	0.48	356.6	11/22/2022 8:10	11/23/2022 4:40	20.6	0.21	0.38	15,257.990
11/25/2022 7:50	11/25/2022 16:55	9.1	0.87	0.10	0.24	63.5	11/25/2022 7:50	11/26/2022 2:55	19.2	0.33	0.60	22,844.970
11/26/2022 2:55	11/26/2022 4:40	1.8	0.06	0.03	0.12	11.1	11/26/2022 2:55	11/26/2022 16:40	13.8	0.23	0.27	11,454.000
11/27/2022 3:30	11/27/2022 4:05	0.6	0.18	0.31	0.84	23.7	11/27/2022 3:30	11/27/2022 16:05	12.7	0.14	0.15	6,164.999
11/28/2022 3:05	11/28/2022 4:10	1.1	0.09	0.08	0.36	23.2	11/28/2022 3:05	11/28/2022 16:05	13.1	0.10	0.10	4,629.005
11/29/2022 14:35	11/30/2022 16:40	26.1	0.75	0.03	0.12	35.3	11/29/2022 14:35	12/1/2022 4:40	38.2	0.27	0.44	37,199.910
12/3/2022 3:55	12/3/2022 13:55	10.0	0.54	0.05	0.36	62.2	12/3/2022 3:55	12/4/2022 1:50	22.0	0.16	0.23	12,719.990
12/4/2022 12:40	12/4/2022 14:30	1.8	0.04	0.02	0.12	22.9	12/4/2022 12:40	12/5/2022 2:25	13.8	0.09	0.10	4,466.997
12/6/2022 19:00	12/7/2022 7:00	12.0	0.10	0.01	0.12	54.3	12/6/2022 18:55	12/7/2022 18:55	24.1	0.10	0.15	8,964.014
12/8/2022 2:55	12/8/2022 11:25	8.5	0.24	0.03	0.12	24.0	12/8/2022 2:55	12/8/2022 18:00	15.2	0.20	0.23	10,748.980
12/8/2022 18:05	12/9/2022 3:00	8.9	0.10	0.01	0.24	10.6	12/8/2022 18:00	12/9/2022 4:05	10.2	0.20	0.23	7,289.989
12/9/2022 4:05	12/9/2022 7:10	3.1	0.07	0.02	0.12	7.2	12/9/2022 4:05	12/9/2022 18:10	14.2	0.15	0.15	7,649.988
12/9/2022 18:10	12/10/2022 22:35	28.4	0.92	0.03	0.24	11.5	12/9/2022 18:10	12/11/2022 10:30	40.4	0.50	0.80	72,588.330
12/17/2022 12:15	12/18/2022 0:30	12.3	0.18	0.01	0.12	162.2	12/17/2022 12:10	12/18/2022 5:55	17.8	0.08	0.10	5,034.009
12/18/2022 5:55	12/18/2022 8:20	2.4	0.07	0.03	0.12	6.4	12/18/2022 5:55	12/18/2022 20:15	14.4	0.15	0.23	7,637.988
12/19/2022 13:05	12/19/2022 14:55	1.8	0.06	0.03	0.12	28.8	12/19/2022 13:05	12/20/2022 2:55	13.9	0.10	0.10	5,010.008
12/20/2022 9:40	12/20/2022 15:25	5.8	0.10	0.02	0.12	19.9	12/20/2022 9:40	12/21/2022 3:20	17.8	0.23	0.27	14,612.980
12/21/2022 12:45	12/21/2022 15:20	2.6	0.04	0.02	0.12	25.3	12/21/2022 12:40	12/22/2022 3:20	14.8	0.12	0.15	6,210.013
12/23/2022 19:25	12/24/2022 19:15	23.8	1.72	0.07	0.48	54.7	12/23/2022 19:25	12/25/2022 6:55	35.6	0.80	1.73	102,407.800
12/25/2022 6:55	12/26/2022 9:30	26.6	0.95	0.04	0.84	14.4	12/25/2022 6:55	12/26/2022 18:40	35.8	0.92	1.65	118,391.800
12/26/2022 18:45	12/28/2022 0:45	30.0	1.44	0.05	0.36	10.3	12/26/2022 18:40	12/28/2022 12:40	42.1	1.13	1.91	171,383.700
12/29/2022 12:25	12/30/2022 8:50	20.4	0.36	0.02	0.24	37.2	12/29/2022 12:20	12/30/2022 10:25	22.2	0.43	0.69	34,557.010
12/30/2022 10:25	12/30/2022 19:55	9.5	0.12	0.01	0.12	7.3	12/30/2022 10:25	12/31/2022 7:50	21.5	0.45	0.60	35,105.990
12/31/2022 14:30	12/31/2022 20:40	6.2	0.07	0.01	0.24	25.4	12/31/2022 14:25	1/1/2023 8:40	18.3	0.26	0.27	17,268.010
1/5/2023 23:20	1/6/2023 6:20	7.0	0.05	0.01	0.12	122.8	1/5/2023 23:20	1/6/2023 12:10	12.9	0.05	0.07	2,553.000
1/6/2023 12:10	1/7/2023 18:10	30.0	0.23	0.01	0.12	12.7	1/6/2023 12:10	1/8/2023 6:10	42.1	0.08	0.10	12,467.960
1/8/2023 6:20	1/8/2023 21:45	15.4	0.41	0.03	0.24	16.6	1/8/2023 6:20	1/9/2023 9:30	27.3	0.27	0.38	26,762.920
1/9/2023 9:35	1/9/2023 23:00	13.4	0.40	0.03	0.24	17.1	1/9/2023 9:30	1/10/2023 11:00	25.6	0.36	0.60	33,143.970
1/11/2023 21:45	1/13/2023 16:50	43.1	0.89	0.02	0.12	47.1	1/11/2023 21:40	1/13/2023 22:25	48.8	0.33	0.52	57,366.340
1/13/2023 22:25	1/14/2023 4:35	6.2	0.12	0.02	0.12	7.7	1/13/2023 22:25	1/14/2023 16:30	18.2	0.29	0.32	19,176.000
1/14/2023 22:35	1/15/2023 0:40	2.1	0.04	0.02	0.12	22.8	1/14/2023 22:30	1/15/2023 12:40	14.3	0.17	0.23	8,870.984
1/15/2023 13:05	1/15/2023 21:25	8.3	0.33	0.04	0.24	14.5	1/15/2023 13:05	1/16/2023 9:20	20.3	0.27	0.38	19,503.000
1/17/2023 16:55	1/17/2023 22:15	5.3	0.10	0.02	0.12	44.1	1/17/2023 16:50	1/18/2023 4:25	11.7	0.10	0.10	4,200.005

Table D-12. Summary Statistics for Individual Storm Events at the TYLMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
1/18/2023 4:25	1/19/2023 3:30	23.1	0.68	0.03	0.36	8.3	1/18/2023 4:25	1/19/2023 15:30	35.2	0.36	0.80	46,137.110
1/21/2023 11:20	1/22/2023 3:20	16.0	0.43	0.03	0.12	60.3	1/21/2023 11:20	1/22/2023 15:20	28.1	0.26	0.38	26,345.950
1/24/2023 16:50	1/25/2023 5:35	12.8	0.12	0.01	0.12	63.4	1/24/2023 16:50	1/25/2023 17:35	24.8	0.09	0.10	7,896.023
1/26/2023 19:30	1/27/2023 7:10	11.7	0.42	0.04	0.24	42.2	1/26/2023 19:25	1/27/2023 19:05	23.8	0.18	0.32	15,342.010
1/27/2023 21:00	1/28/2023 2:15	5.3	0.06	0.01	0.12	14.8	1/27/2023 20:55	1/28/2023 14:10	17.3	0.12	0.15	7,515.011
2/3/2023 12:15	2/4/2023 2:00	13.8	0.40	0.03	0.12	158.2	2/3/2023 12:10	2/4/2023 14:00	25.9	0.11	0.23	10,352.980
2/4/2023 14:00	2/4/2023 21:50	7.8	0.12	0.02	0.12	18.1	2/4/2023 14:00	2/5/2023 9:50	19.9	0.09	0.10	6,594.016
2/5/2023 11:40	2/5/2023 19:40	8.0	0.27	0.03	0.24	15.0	2/5/2023 11:40	2/6/2023 7:40	20.1	0.17	0.23	12,507.010
2/7/2023 8:05	2/7/2023 12:55	4.8	0.10	0.02	0.24	36.6	2/7/2023 8:00	2/8/2023 0:55	17.0	0.08	0.10	4,770.000
2/9/2023 22:30	2/10/2023 1:30	3.0	0.05	0.02	0.12	57.8	2/9/2023 22:25	2/10/2023 13:30	15.2	0.07	0.07	3,821.997
2/13/2023 11:35	2/13/2023 21:40	10.1	0.25	0.02	0.48	84.9	2/13/2023 11:35	2/14/2023 9:40	22.2	0.06	0.07	4,919.991
2/17/2023 3:30	2/17/2023 19:00	15.5	0.22	0.01	0.12	80.6	2/17/2023 3:30	2/18/2023 6:55	27.5	0.05	0.07	5,085.000
2/18/2023 13:05	2/18/2023 13:50	0.8	0.04	0.05	0.12	24.8	2/18/2023 13:05	2/19/2023 1:50	12.8	0.04	0.04	1,847.999
2/19/2023 3:25	2/20/2023 11:20	31.9	0.70	0.02	0.12	14.3	2/19/2023 3:20	2/20/2023 19:05	39.8	0.18	0.44	25,649.960
2/20/2023 19:10	2/20/2023 23:55	4.8	0.07	0.01	0.12	9.0	2/20/2023 19:05	2/21/2023 11:55	16.9	0.22	0.27	13,467.010
2/21/2023 13:00	2/21/2023 19:15	6.3	0.06	0.01	0.12	13.4	2/21/2023 12:55	2/22/2023 5:15	16.4	0.13	0.15	7,845.000
2/22/2023 5:20	2/22/2023 11:30	6.2	0.10	0.02	0.12	16.2	2/22/2023 5:15	2/22/2023 23:30	18.3	0.10	0.15	6,588.014
2/25/2023 23:35	2/26/2023 11:15	11.7	0.41	0.04	0.24	84.5	2/25/2023 23:35	2/26/2023 23:10	23.7	0.07	0.15	5,798.997
2/27/2023 23:40	2/28/2023 3:20	3.7	0.10	0.03	0.12	36.8	2/27/2023 23:35	2/28/2023 10:15	10.8	0.03	0.04	1,238.999
2/28/2023 10:15	2/28/2023 15:25	5.2	0.17	0.03	0.24	9.5	2/28/2023 10:15	3/1/2023 3:20	17.2	0.05	0.07	3,006.001
3/1/2023 22:30	3/2/2023 16:25	17.9	0.25	0.01	0.24	31.4	3/1/2023 22:25	3/3/2023 4:25	30.1	0.05	0.07	5,160.000
3/3/2023 14:50	3/4/2023 10:00	19.2	0.33	0.02	0.12	28.6	3/3/2023 14:50	3/4/2023 21:55	31.2	0.07	0.15	8,394.010
3/5/2023 18:30	3/6/2023 1:05	6.6	0.38	0.06	0.36	32.8	3/5/2023 18:30	3/6/2023 13:05	18.7	0.17	0.32	11,403.010
3/6/2023 15:10	3/6/2023 17:45	2.6	0.06	0.02	0.36	15.5	3/6/2023 15:10	3/7/2023 5:45	14.7	0.08	0.15	4,412.990
3/10/2023 2:40	3/10/2023 5:30	2.8	0.12	0.04	0.12	83.5	3/10/2023 2:35	3/10/2023 13:15	10.8	0.03	0.03	1,112.999
3/10/2023 13:20	3/11/2023 3:00	13.7	0.15	0.01	0.24	9.8	3/10/2023 13:15	3/11/2023 15:00	25.8	0.03	0.04	2,930.999
3/12/2023 14:25	3/13/2023 11:25	21.0	0.75	0.04	0.24	35.6	3/12/2023 14:25	3/13/2023 23:25	33.1	0.23	0.60	26,976.000
3/15/2023 4:00	3/15/2023 5:05	1.1	0.08	0.07	0.24	43.8	3/15/2023 3:55	3/15/2023 17:00	13.2	0.04	0.04	1,862.999
3/20/2023 1:40	3/20/2023 19:35	17.9	0.26	0.01	0.24	117.1	3/20/2023 1:40	3/21/2023 7:30	29.9	0.03	0.03	3,045.002
3/23/2023 8:05	3/23/2023 17:20	9.3	0.09	0.01	0.12	61.5	3/23/2023 8:00	3/24/2023 5:15	21.3	0.02	0.02	1,535.999
3/24/2023 7:35	3/24/2023 8:20	0.8	0.03	0.04	0.12	18.3	3/24/2023 7:30	3/24/2023 17:10	9.8	0.02	0.02	696.000
3/24/2023 17:10	3/25/2023 1:45	8.6	0.66	0.08	0.60	27.9	3/24/2023 17:10	3/25/2023 7:25	14.3	0.28	0.52	14,526.000
3/25/2023 7:25	3/25/2023 9:35	2.2	0.12	0.06	0.12	7.2	3/25/2023 7:25	3/25/2023 21:30	14.2	0.23	0.32	11,784.020
3/26/2023 17:40	3/26/2023 18:00	0.3	0.12	0.36	0.60	32.6	3/26/2023 17:35	3/27/2023 5:55	12.4	0.04	0.07	1,995.002
3/31/2023 11:25	3/31/2023 22:40	11.3	0.25	0.02	0.36	113.5	3/31/2023 11:25	4/1/2023 10:40	23.3	0.02	0.03	1,295.999
4/2/2023 0:50	4/2/2023 7:20	6.5	0.14	0.02	0.24	27.8	4/2/2023 0:45	4/2/2023 17:15	16.6	0.02	0.02	911.999
4/2/2023 17:20	4/3/2023 1:35	8.3	0.33	0.04	0.36	10.3	4/2/2023 17:15	4/3/2023 8:45	15.6	0.06	0.10	3,120.000
4/3/2023 8:50	4/3/2023 13:55	5.1	0.15	0.03	0.24	10.9	4/3/2023 8:45	4/3/2023 23:00	14.3	0.07	0.10	3,422.997
4/3/2023 23:05	4/4/2023 7:40	8.6	0.41	0.05	0.24	13.3	4/3/2023 23:00	4/4/2023 19:40	20.8	0.24	0.44	18,213.020
4/6/2023 6:00	4/7/2023 6:25	24.4	0.61	0.03	0.12	47.6	4/6/2023 5:55	4/7/2023 18:20	36.5	0.15	0.32	19,095.020
4/8/2023 10:40	4/8/2023 14:05	3.4	0.08	0.02	0.12	29.1	4/8/2023 10:40	4/8/2023 21:40	11.1	0.04	0.07	1,622.999
4/8/2023 21:45	4/10/2023 2:45	29.0	0.51	0.02	0.24	9.2	4/8/2023 21:40	4/10/2023 6:45	33.2	0.12	0.23	14,532.000
4/10/2023 6:50	4/11/2023 2:20	19.5	0.52	0.03	0.12	8.2	4/10/2023 6:45	4/11/2023 5:25	22.8	0.32	0.52	26,135.990
4/11/2023 5:30	4/11/2023 12:20	6.8	0.05	0.01	0.12	7.0	4/11/2023 5:25	4/12/2023 0:20	19.0	0.25	0.38	16,818.020
4/16/2023 8:10	4/16/2023 16:05	7.9	0.28	0.04	0.24	122.2	4/16/2023 8:10	4/16/2023 22:30	14.4	0.04	0.07	2,111.999
4/16/2023 22:35	4/16/2023 23:10	0.6	0.07	0.12	0.24	10.8	4/16/2023 22:30	4/17/2023 11:10	12.8	0.04	0.04	1,835.999

Table D-12. Summary Statistics for Individual Storm Events at the TYLMI Station.

Precipitation Start Time	Precipitation Stop Time	Precipitation Duration (hour)	Precipitation Depth (inch)	Precipitation Average Intensity (inch/hour)	Precipitation Maximum Intensity (inch/hour)	Precipitation Antecedent Dry Period (hour)	Flow Start Time	Flow Stop Time	Flow Duration (hour)	Average Flow Rate ($feet^3$/second)	Maximum Flow Rate ($feet^3$/second)	Flow Volume ($feet^3$)
4/17/2023 14:25	4/17/2023 20:15	5.8	0.11	0.02	0.24	15.7	4/17/2023 14:25	4/18/2023 2:55	12.6	0.03	0.03	1,359.000
4/18/2023 2:55	4/18/2023 4:20	1.4	0.03	0.02	0.12	6.9	4/18/2023 2:55	4/18/2023 11:40	8.8	0.03	0.03	953.999
4/18/2023 11:40	4/18/2023 17:45	6.1	0.08	0.01	0.12	15.4	4/18/2023 11:40	4/19/2023 2:35	15.0	0.03	0.03	1,560.001
4/19/2023 2:40	4/19/2023 7:25	4.8	0.06	0.01	0.12	9.2	4/19/2023 2:35	4/19/2023 19:25	16.9	0.03	0.03	1,635.001
4/20/2023 15:40	4/21/2023 2:40	11.0	0.26	0.02	0.12	34.0	4/20/2023 15:40	4/21/2023 14:35	23.0	0.04	0.07	3,062.998
4/22/2023 19:05	4/23/2023 7:30	12.4	0.31	0.03	0.24	46.0	4/22/2023 19:05	4/23/2023 19:05	24.1	0.06	0.15	5,331.000
4/23/2023 19:05	4/24/2023 9:00	13.9	0.22	0.02	0.24	12.3	4/23/2023 19:05	4/24/2023 20:55	25.9	0.06	0.07	5,712.004
5/4/2023 23:45	5/5/2023 16:35	16.8	0.70	0.04	0.24	254.8	5/4/2023 23:45	5/5/2023 23:10	23.5	0.04	0.10	3,065.998
5/5/2023 23:10	5/6/2023 7:05	7.9	0.07	0.01	0.12	7.2	5/5/2023 23:10	5/6/2023 11:35	12.5	0.04	0.07	1,961.999
5/6/2023 11:35	5/6/2023 17:05	5.5	0.05	0.01	0.12	9.2	5/6/2023 11:35	5/7/2023 5:00	17.5	0.03	0.04	1,788.000
5/15/2023 21:00	5/16/2023 6:10	9.2	0.07	0.01	0.12	221.2	5/15/2023 20:55	5/16/2023 18:10	21.3	0.01	0.01	767.999
5/21/2023 17:25	5/22/2023 7:10	13.8	0.29	0.02	0.12	137.5	5/21/2023 17:25	5/22/2023 19:05	25.8	0.01	0.01	926.999
6/9/2023 4:40	6/9/2023 8:15	3.6	0.03	0.01	0.12	434.3	6/9/2023 4:40	6/9/2023 12:45	8.2	0.01	0.01	294.000
6/9/2023 12:50	6/10/2023 12:00	23.2	0.49	0.02	0.24	442.5	6/9/2023 12:45	6/10/2023 23:55	35.3	0.01	0.01	1,269.001
6/16/2023 17:45	6/16/2023 19:20	1.6	0.14	0.09	0.24	150.2	6/16/2023 17:45	6/17/2023 7:15	13.6	0.01	0.01	489.000
6/17/2023 11:10	6/17/2023 12:25	1.3	0.03	0.02	0.12	16.6	6/17/2023 11:10	6/17/2023 18:40	7.6	0.01	0.01	273.000
6/17/2023 18:40	6/18/2023 3:55	9.3	0.17	0.02	0.24	13.9	6/17/2023 18:40	6/18/2023 13:05	18.5	0.01	0.01	666.000
6/18/2023 13:05	6/18/2023 21:25	8.3	0.22	0.03	0.24	9.8	6/18/2023 13:05	6/19/2023 7:25	18.4	0.01	0.01	663.000
6/19/2023 7:25	6/19/2023 7:30	0.1	0.03	0.36	0.24	12.7	6/19/2023 7:25	6/19/2023 17:55	10.6	0.01	0.01	381.000
6/19/2023 17:55	6/19/2023 19:25	1.5	0.10	0.07	0.24	20.5	6/19/2023 17:55	6/20/2023 2:00	8.2	0.01	0.01	294.000
6/20/2023 2:00	6/20/2023 10:55	8.9	0.27	0.03	0.12	7.7	6/20/2023 2:00	6/20/2023 22:50	20.9	0.01	0.01	753.000
7/13/2023 11:00	7/13/2023 11:10	0.2	0.24	1.44	2.04	554.1	7/13/2023 11:00	7/13/2023 23:10	12.3	0.01	0.01	441.000
7/17/2023 4:50	7/17/2023 6:15	1.4	0.06	0.04	0.12	89.7	7/17/2023 4:50	7/17/2023 18:10	13.4	0.01	0.01	483.000
7/24/2023 17:15	7/24/2023 19:00	1.8	0.33	0.19	0.48	179.9	7/24/2023 17:10	7/25/2023 6:55	13.8	0.01	0.04	630.000
8/7/2023 2:20	8/7/2023 3:55	1.6	0.13	0.08	0.36	319.6	8/7/2023 2:15	8/7/2023 15:55	13.8	0.01	0.02	498.000
8/22/2023 23:40	8/23/2023 3:15	3.6	0.06	0.02	0.12	380.0	8/22/2023 23:35	8/23/2023 15:10	15.7	0.01	0.01	564.000
8/29/2023 5:25	8/29/2023 7:50	2.4	0.07	0.03	0.12	149.6	8/29/2023 5:25	8/29/2023 15:10	9.8	0.01	0.02	477.000
8/29/2023 15:15	8/29/2023 18:10	2.9	0.28	0.10	0.36	8.3	8/29/2023 15:10	8/30/2023 6:10	15.1	0.02	0.04	873.000
9/18/2023 2:50	9/18/2023 7:30	4.7	0.10	0.02	0.12	464.9	9/18/2023 2:45	9/18/2023 19:30	16.8	0.01	0.01	606.000
9/19/2023 19:40	9/20/2023 7:10	11.5	0.44	0.04	0.48	40.2	9/19/2023 19:40	9/20/2023 19:05	23.5	0.01	0.02	854.999
9/23/2023 13:00	9/23/2023 20:15	7.3	0.12	0.02	0.24	79.8	9/23/2023 12:55	9/24/2023 8:10	19.3	0.01	0.01	696.000
9/24/2023 15:00	9/25/2023 20:30	29.5	1.84	0.06	1.20	23.7	9/24/2023 14:55	9/26/2023 8:25	41.6	0.02	0.15	2,997.012
9/26/2023 12:45	9/26/2023 20:20	7.6	0.37	0.05	0.36	16.3	9/26/2023 12:40	9/27/2023 2:25	13.8	0.01	0.02	561.000
9/27/2023 2:25	9/28/2023 6:35	28.2	2.16	0.08	1.56	6.3	9/27/2023 2:25	9/28/2023 11:35	33.3	0.29	1.40	35,204.930
9/28/2023 11:35	9/28/2023 18:50	7.3	0.36	0.05	0.60	7.1	9/28/2023 11:35	9/29/2023 6:45	19.3	0.30	0.38	20,742.020

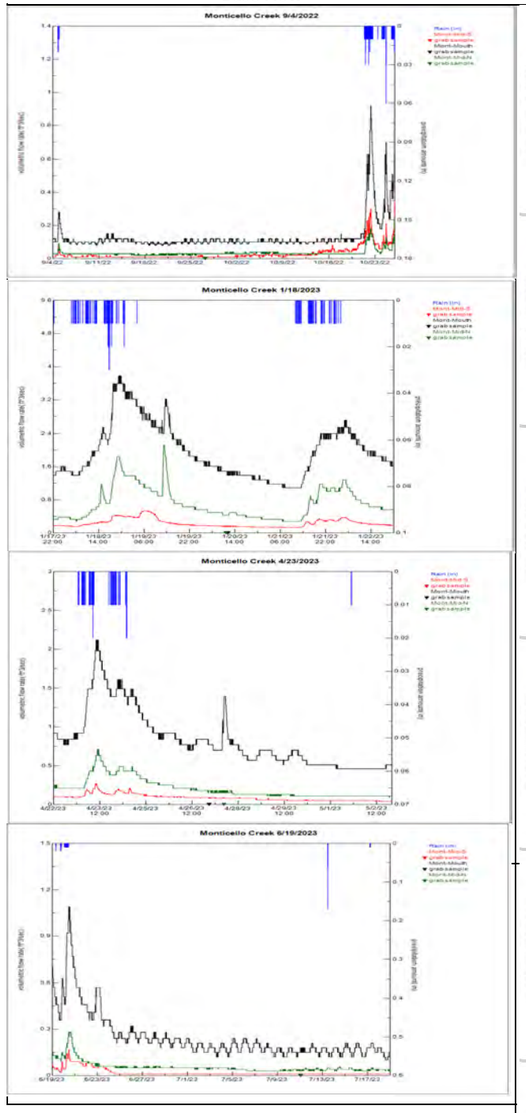
Appendix E

Line Plots Showing Sampling Times Relative to the Storm Event Hydrograph

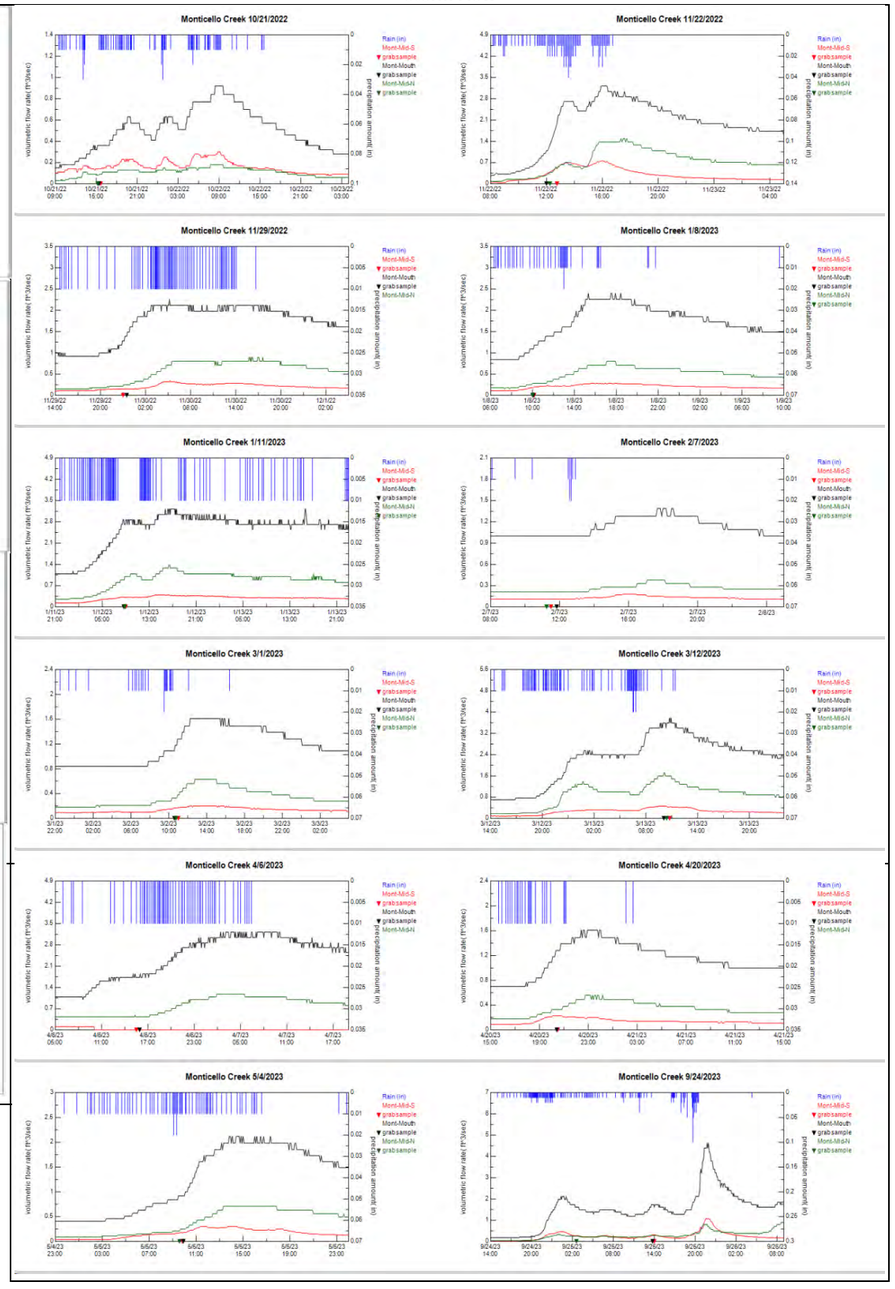
HERRERA
Science + Planning + Design

Monticello – Application Watershed – Sampled Hydrographs

Base Flow

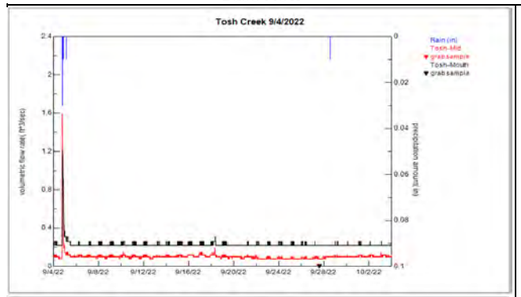


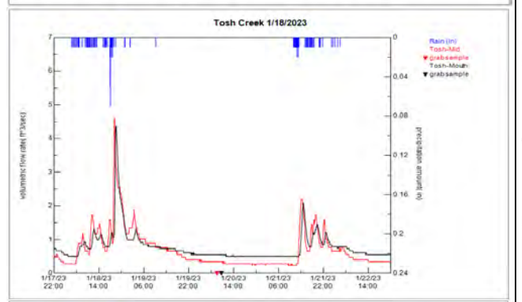
Storm Flow

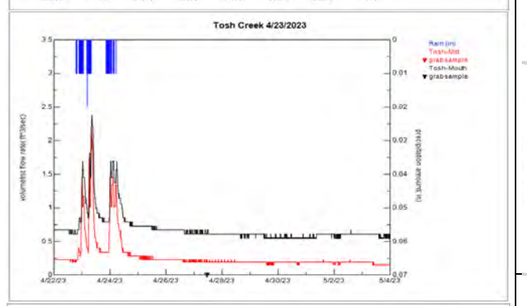


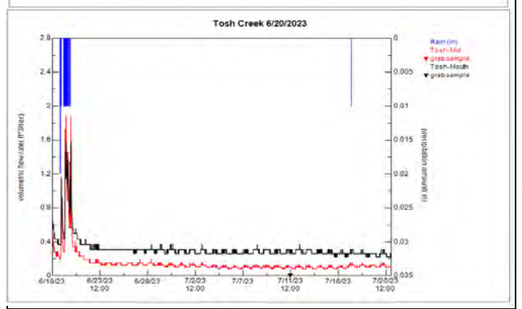
Tosh – Application Watershed – Sampled Hydrographs

Base Flow

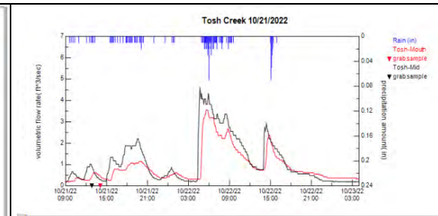


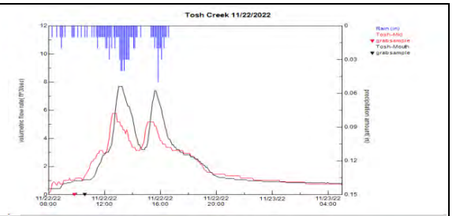


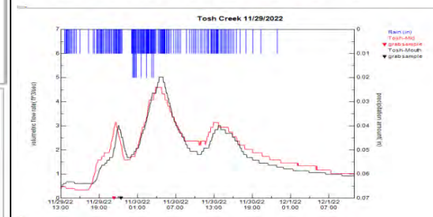


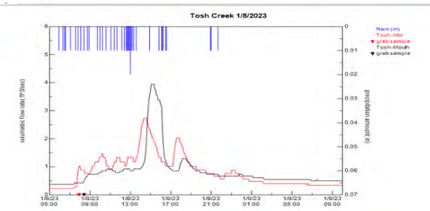


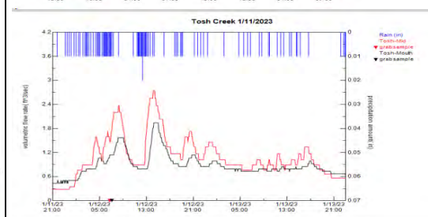
Storm Flow

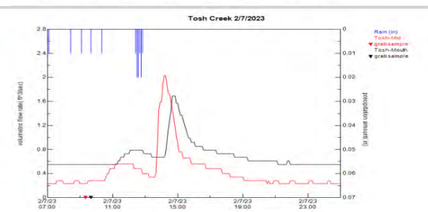


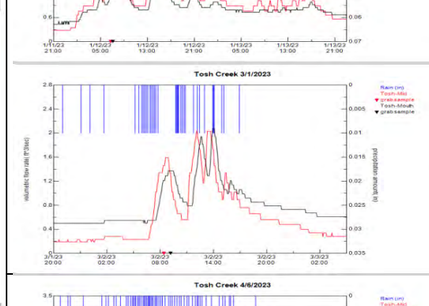


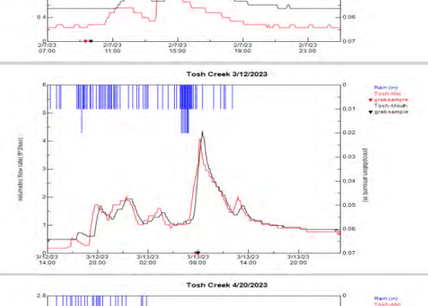


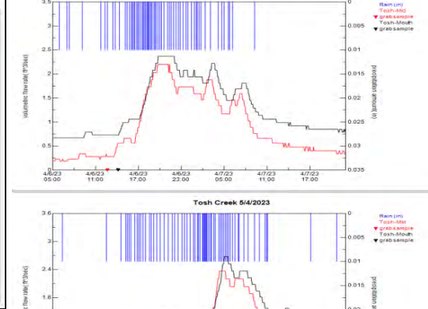


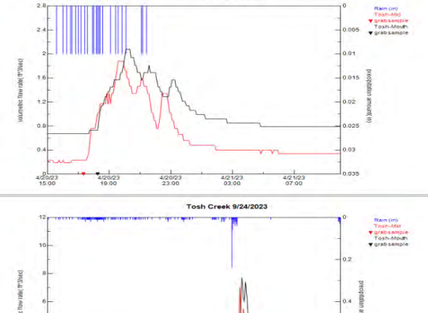


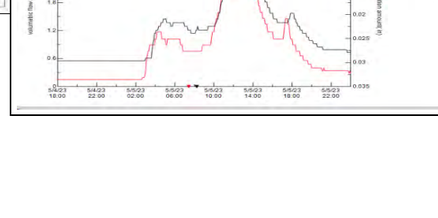


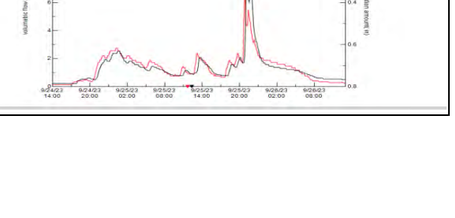






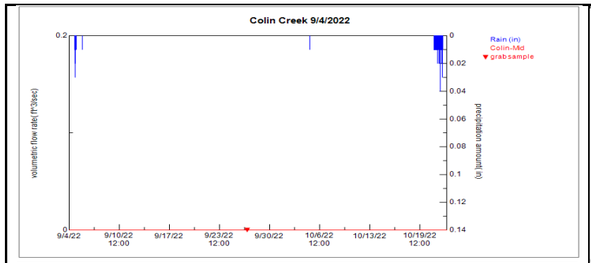


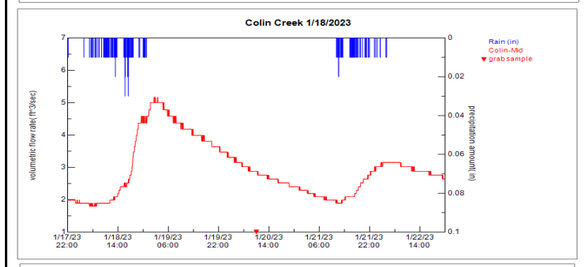


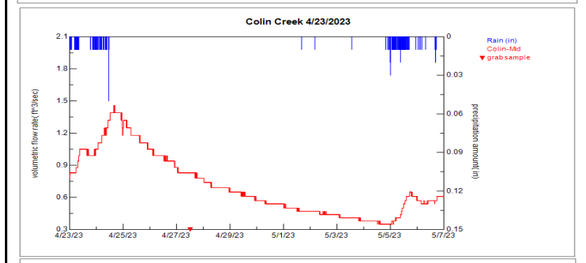


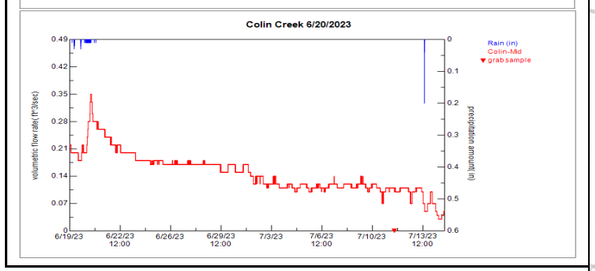
Colin – Application Watershed – Sampled Hydrographs

Base Flow

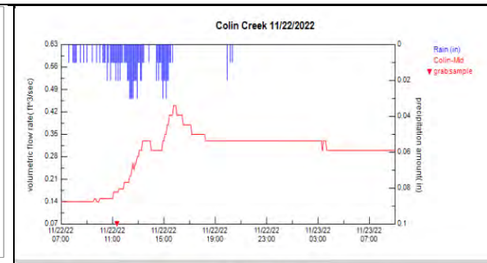


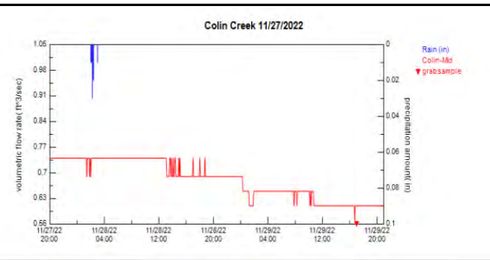


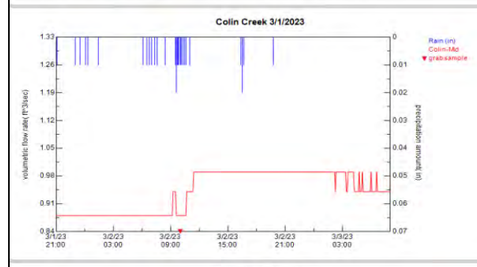


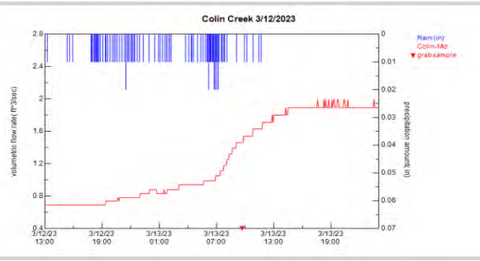


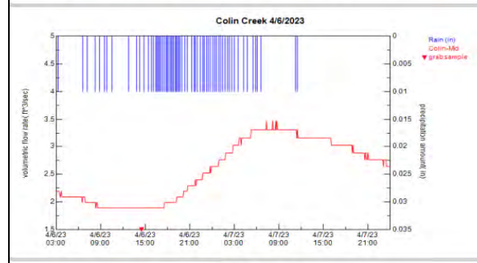
Storm Flow

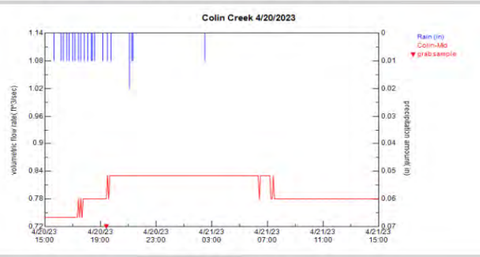


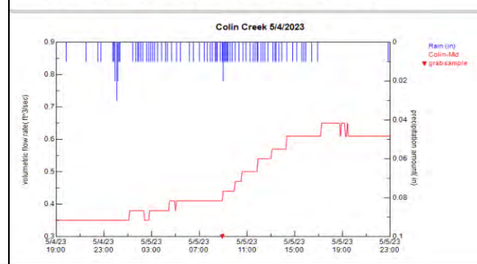


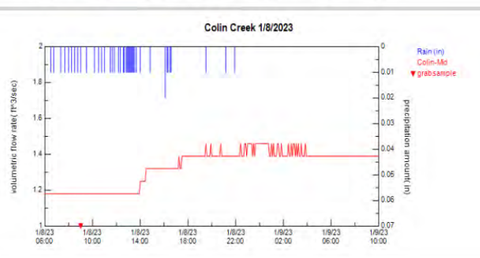


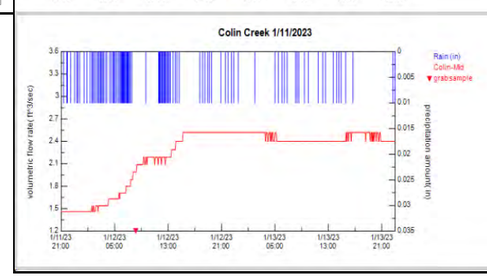


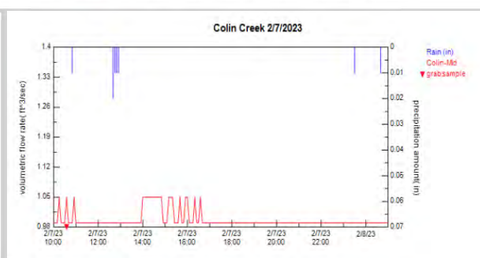






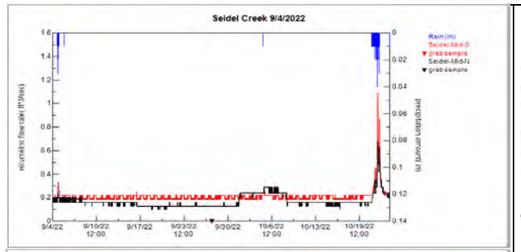


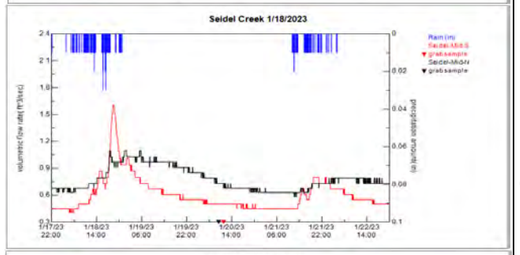




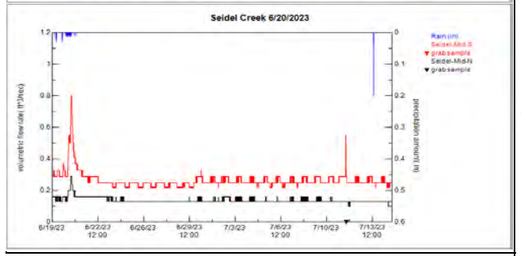
Seidel – Application Watershed – Sampled Hydrographs

Base Flow

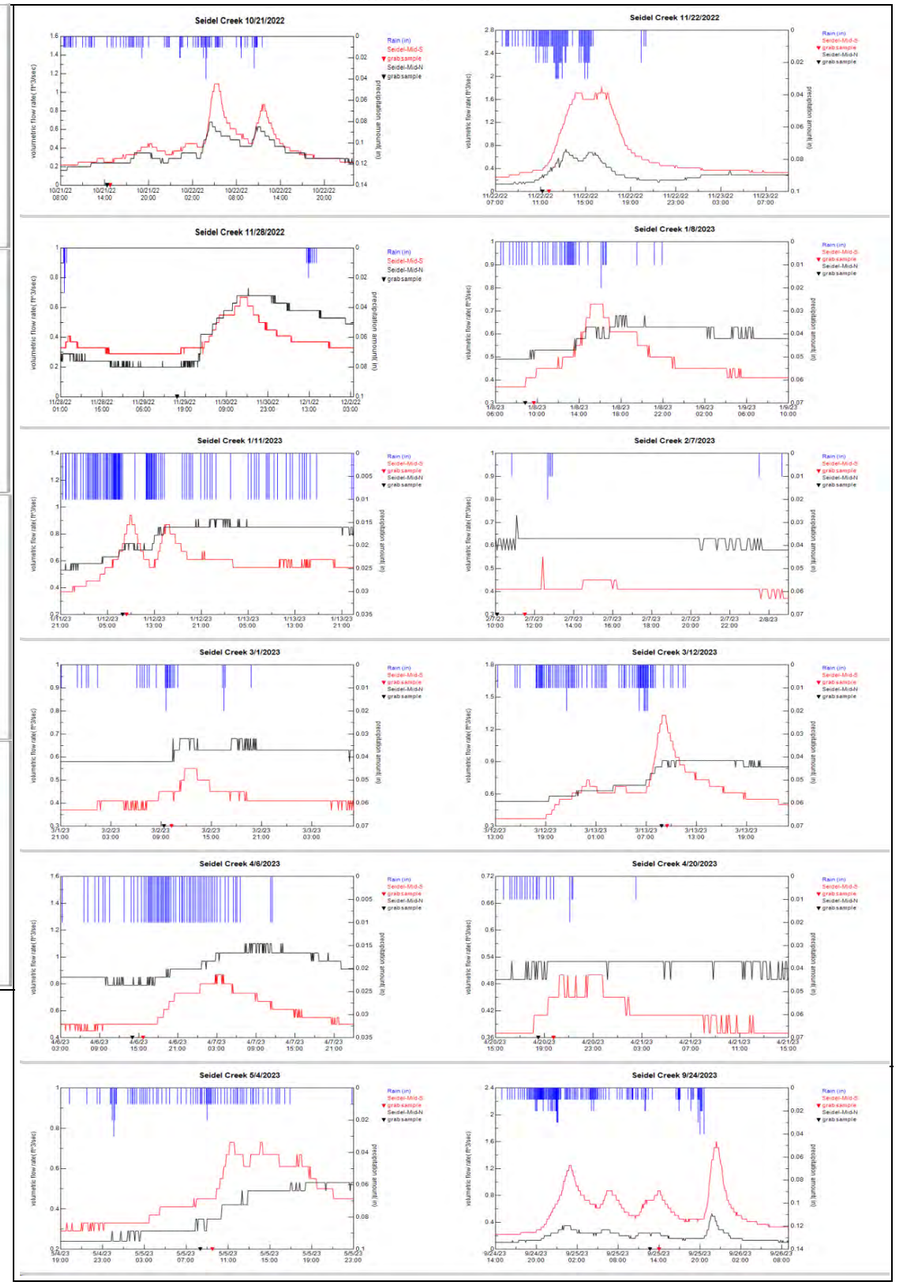






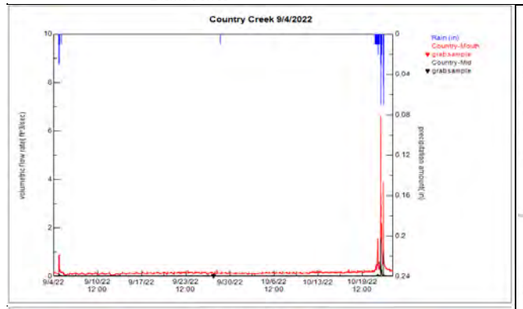


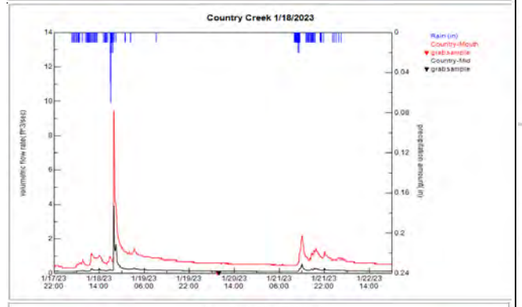
Storm Flow

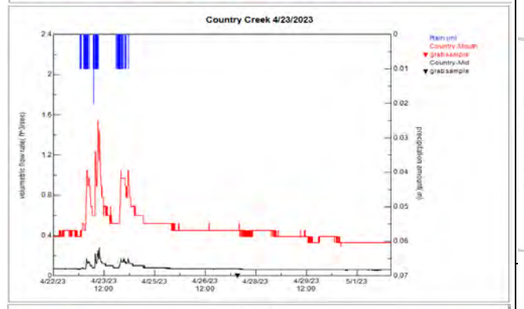


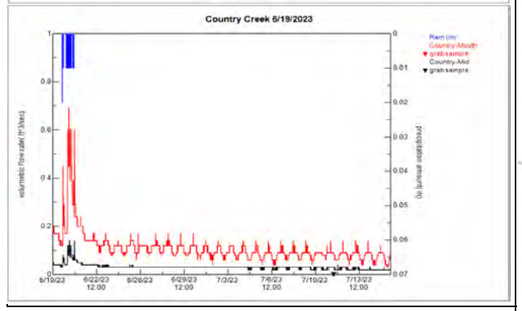
Country – Application Watershed – Sampled Hydrographs

Base Flow

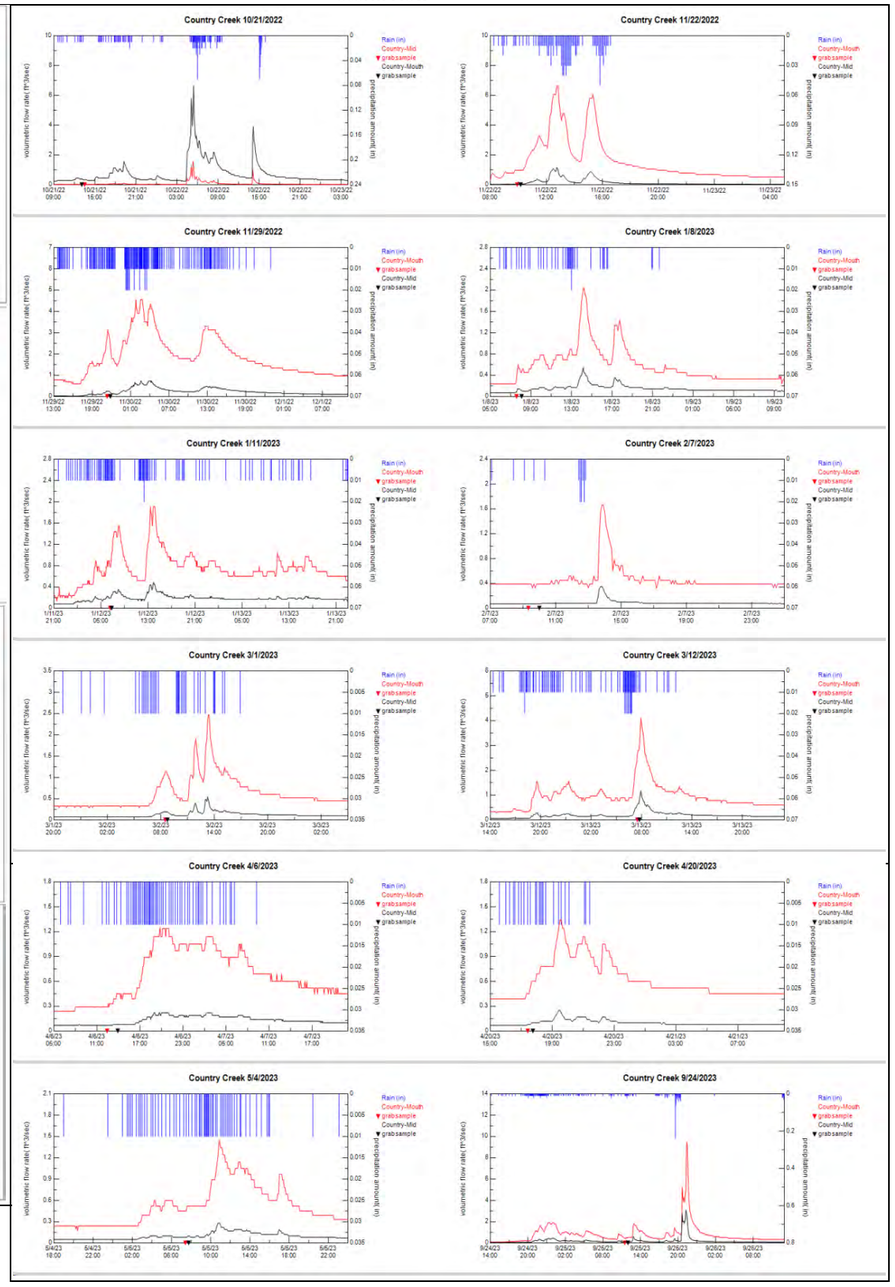






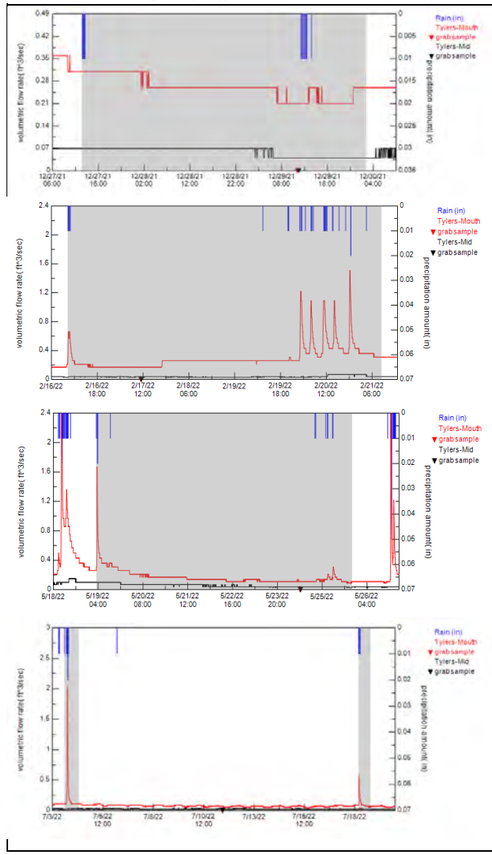


Storm Flow

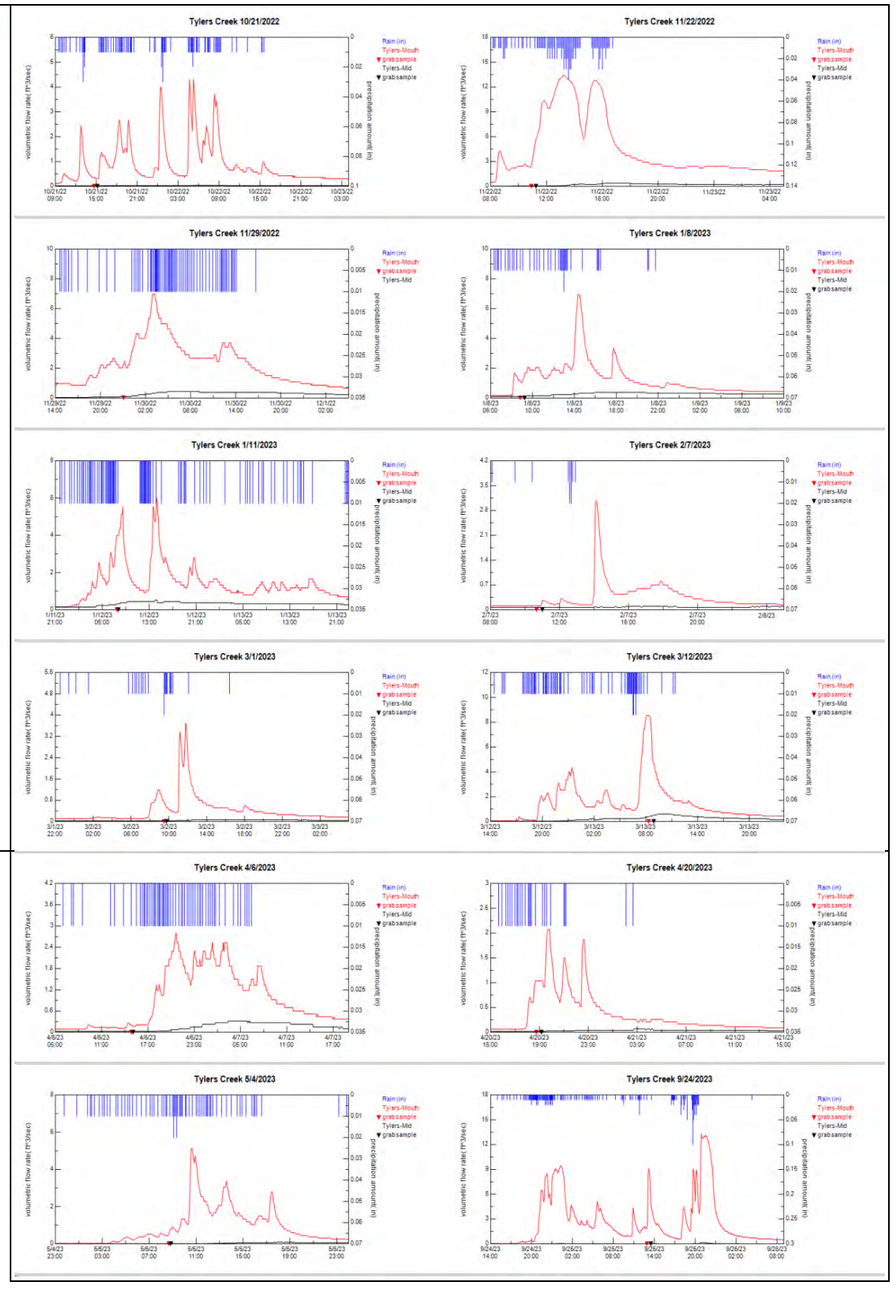


Tyler's – Application Watershed – Sampled Hydrographs

Base Flow



Storm Flow



Appendix F

Laboratory Reports, Field Forms, and Data Quality Assurance Audit Forms for Water Quality Monitoring

HERRERA
Science + Planning + Design

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 13, 2022

Jess Brown
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2209-267

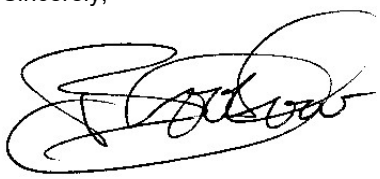
Dear Jess:

Enclosed are the analytical results and associated quality control data for samples submitted on September 27, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

Case Narrative

Samples were collected on September 27, 2022 and received by the laboratory on September 27, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Suspended Solids SM 2540D Analysis

All samples except MONM-2022 (09-267-08) and QC-123-20220927 (09-267-14) were reanalyzed out of holding time because of low spike blank recovery. Samples MONM-2022 (09-267-08) and QC-123-20220927 (09-267-14) could not be reanalyzed because of insufficient sample. They are reported from the initial analysis. The samples that were reanalyzed, have a higher PQL do to limited amount of sample.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Total Suspended Solids	**39**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Total Suspended Solids	**14**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Total Suspended Solids	**4.0**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Total Suspended Solids	**ND**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Total Suspended Solids	**10**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Total Suspended Solids	**28**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Total Suspended Solids	**7.0**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Total Suspended Solids	**ND**	1.0	SM 2540D	9-28-22	9-28-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Total Suspended Solids	**ND**	4.0	SM 2540D	10-6-22	10-6-22	

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Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Total Suspended Solids	**13**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Total Suspended Solids	**10**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Total Suspended Solids	**5.0**	4.0	SM 2540D	10-6-22	10-6-22	
Client ID:	**QA-123-2022-0927**					
Laboratory ID:	09-267-14					
Total Suspended Solids	**ND**	1.3	SM 2540D	9-28-22	9-28-22	

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Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	9-28-22	9-28-22	
Laboratory ID:	MB1006W1					
Total Suspended Solids	**ND**	4.0	SM 2540D	10-6-22	10-6-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-267-08								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
Laboratory ID:	09-094-01								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB0928W1								
	SB		SB		SB				
Total Suspended Solids	**27.0**		100	NA	27	67-112	NA	NA	Z
Laboratory ID:	SB1006W1								
	SB		SB		SB				
Total Suspended Solids	**87.0**		100	NA	87	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Turbidity	**6.5**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Turbidity	**4.0**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Turbidity	**1.3**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Turbidity	**1.4**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Turbidity	**2.0**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Turbidity	**16**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Turbidity	**1.6**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Turbidity	**2.1**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Turbidity	**1.9**	0.10	EPA 180.1	9-28-22	9-28-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Turbidity	**4.3**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Turbidity	**3.1**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Turbidity	**2.3**	0.10	EPA 180.1	9-28-22	9-28-22	
Client ID:	**QA-123-2022-0927**					
Laboratory ID:	09-267-14					
Turbidity	**ND**	0.10	EPA 180.1	9-28-22	9-28-22	

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Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928W1					
Turbidity	**ND**	0.10	EPA 180.1	9-28-22	9-28-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-267-01								
	ORIG	DUP							
Turbidity	**6.50**	**6.82**	NA	NA	NA	NA	5	18	

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Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Hardness	**150**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Hardness	**180**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Hardness	**180**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	

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Date of Report: October 13, 2022
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HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Hardness	**160**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Hardness	**61**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Hardness	**160**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	
Client ID:	**QA-123-2022-0927**					
Laboratory ID:	09-267-14					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	

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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1004WH5					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	10-4-22	10-4-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-267-01										
	ORIG	DUP									
Hardness	**152**	**151**	NA		NA	NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	09-267-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**277**	**277**	132	132	152	95	95	75-125	0	20	
SPIKE BLANK											
Laboratory ID:	SB1004WH5										
	SB		SB			SB					
Hardness	**137**		132		NA	104		85-115	NA	NA	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Dissolved Organic Carbon	**3.0**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Dissolved Organic Carbon	**3.1**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Dissolved Organic Carbon	**2.2**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Dissolved Organic Carbon	**3.6**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Dissolved Organic Carbon	**2.5**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Dissolved Organic Carbon	**3.8**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Dissolved Organic Carbon	**3.7**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Dissolved Organic Carbon	**3.1**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Dissolved Organic Carbon	**1.6**	1.0	SM 5310B	10-10-22	10-10-22	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Dissolved Organic Carbon	**1.6**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Dissolved Organic Carbon	**2.6**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Dissolved Organic Carbon	**1.7**	1.0	SM 5310B	10-10-22	10-10-22	
Client ID:	**QA-124-2022-0927**					
Laboratory ID:	09-267-15					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	10-10-22	10-10-22	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1010D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	10-10-22	10-10-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-267-03								
	ORIG	DUP							
Dissolved Organic Carbon	**2.20**	**2.12**	NA	NA	NA	NA	4	15	
MATRIX SPIKE									
Laboratory ID:	09-267-03								
	MS		MS		MS				
Dissolved Organic Carbon	**12.0**		10.0	2.20	98	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1010D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.6**		10.0	NA	106	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Total Phosphorus	**0.089**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Total Phosphorus	**0.11**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Total Phosphorus	**0.053**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Total Phosphorus	**0.077**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Total Phosphorus	**0.048**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Total Phosphorus	**0.27**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Total Phosphorus	**0.025**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Total Phosphorus	**0.036**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Total Phosphorus	**0.062**	0.010	EPA 365.1	10-5-22	10-5-22	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Total Phosphorus	**0.061**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Total Phosphorus	**0.027**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Total Phosphorus	**0.058**	0.010	EPA 365.1	10-5-22	10-5-22	
Client ID:	**QA-123-2022-0927**					
Laboratory ID:	09-267-14					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-12-22	10-12-22	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0930W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-5-22	10-5-22	
Laboratory ID:	MB1012W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-12-22	10-12-22	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	09-248-01							
	ORIG DUP							
Total Phosphorus	**0.0840 0.0686**	NA	NA	NA	NA	20	20	
Laboratory ID:	10-072-01							
	ORIG DUP							
Total Phosphorus	**3.54 3.50**	NA	NA	NA	NA	1	20	
MATRIX SPIKE								
Laboratory ID:	09-248-01							
	MS	MS		MS				
Total Phosphorus	**0.355**	0.250	0.0840	108	82-111	NA	NA	
Laboratory ID:	10-072-01							
	MS	MS		MS				
Total Phosphorus	**3.76**	0.250	3.54	88	82-111	NA	NA	
SPIKE BLANK								
Laboratory ID:	SB0930W1							
	SB	SB		SB				
Total Phosphorus	**0.233**	0.250	NA	93	78-110	NA	NA	
Laboratory ID:	SB0930W1							
	SB	SB		SB				
Total Phosphorus	**0.233**	0.250	NA	93	78-110	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**9.7**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**9.5**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**9.6**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**ND**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Copper	**1.3**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**7.8**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Copper	**2.1**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**20**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**ND**	5.0	EPA 200.8	10-4-22	10-6-22	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**6.3**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Copper	**1.4**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**45**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**ND**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**ND**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Copper	**1.5**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**47**	5.0	EPA 200.8	10-4-22	10-6-22	
Client ID:	**QA-123-2022-0927**					
Laboratory ID:	09-267-14					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**ND**	5.0	EPA 200.8	10-4-22	10-6-22	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1004WH2					
Copper	**ND**	1.0	EPA 200.8	10-4-22	10-6-22	
Zinc	**ND**	5.0	EPA 200.8	10-4-22	10-6-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-267-04										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-267-04										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**88.4**	**85.6**	100	100	ND	**88**	**86**	75-125	3	20	
Zinc	**90.2**	**88.2**	100	100	ND	**90**	**88**	75-125	2	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-2022-0927**					
Laboratory ID:	09-267-01					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**COUMI-2022-0927**					
Laboratory ID:	09-267-02					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**TOSMO-2022-0927**					
Laboratory ID:	09-267-03					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**6.3**	5.0	EPA 200.8		10-6-22	
Client ID:	**TYLMO-2022-0927**					
Laboratory ID:	09-267-04					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**TYLMI-2022-0927**					
Laboratory ID:	09-267-05					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**MONMN-2022-0927**					
Laboratory ID:	09-267-06					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**6.5**	5.0	EPA 200.8		10-6-22	
Client ID:	**MONMS-2022-0927**					
Laboratory ID:	09-267-07					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	

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Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-2022-0927**					
Laboratory ID:	09-267-08					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**TOSMI-2022-0927**					
Laboratory ID:	09-267-09					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**13**	5.0	EPA 200.8		10-6-22	
Client ID:	**SEIMN-2022-0927**					
Laboratory ID:	09-267-10					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**SEIMS-2022-0927**					
Laboratory ID:	09-267-12					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	
Client ID:	**QA-122-2022-0927**					
Laboratory ID:	09-267-13					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**14**	5.0	EPA 200.8		10-6-22	
Client ID:	**QA-124-2022-0927**					
Laboratory ID:	09-267-15					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 13, 2022
Samples Submitted: September 27, 2022
Laboratory Reference: 2209-267
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006D1					
Copper	**ND**	1.0	EPA 200.8		10-6-22	
Zinc	**ND**	5.0	EPA 200.8		10-6-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-267-01										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-267-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**78.4**	**77.6**	80.0	80.0	ND	**98**	**97**	75-125	1	20	
Zinc	**85.4**	**84.0**	80.0	80.0	ND	**107**	**105**	75-125	2	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Oct 12 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW

Dear BLAIR GOODROW:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20220927	Water	22-A016427	Micro, NUT
COUMI-20220927	Water	22-A016428	Micro, NUT
TOSMO-20220927	Water	22-A016429	Micro, NUT
TYLMO-20220927	Water	22-A016430	Micro, NUT
TYLMI-20220927	Water	22-A016431	Micro, NUT
MONMN-20220927	Water	22-A016432	Micro, NUT
MONMS-20220927	Water	22-A016433	Micro, NUT
MONM-20220927	Water	22-A016434	Micro, NUT
TOSMI-20220927	Water	22-A016435	Micro, NUT
SEIMN-20220927	Water	22-A016436	Micro, NUT
COLM-20220927	Water	22-A016437	
SEIMS-20220927	Water	22-A016438	Micro, NUT
QA122-20220927	Water	22-A016439	Micro, NUT
QA123-20220927	Water	22-A016440	Micro, NUT

Your samples were received on Wednesday, September 28, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

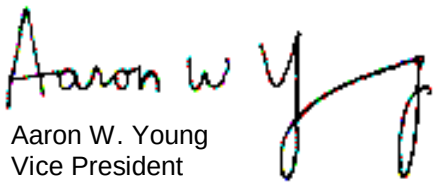
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2226160

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2226160
Project #: 14-05806-000
All results reported on an as received basis.

Date Received: 09/28/22
Date Reported: 10/12/22

AMTEST Identification Number **22-A016427**
Client Identification **COUMO-20220927**
Sampling Date **09/27/22, 13:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	870	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	1.07	mg/l		0.1			
Total Nitrogen (TKN)	0.731	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.337	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016428**
Client Identification **COUMI-20220927**
Sampling Date **09/27/22, 13:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3500	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.66	mg/l		0.1			
Total Nitrogen (TKN)	0.422	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.234	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016429**
Client Identification **TOSMO-20220927**
Sampling Date **09/27/22, 14:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	200	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.79	mg/l		0.1			
Total Nitrogen (TKN)	0.352	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.438	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016430**
Client Identification **TYLMO-20220927**
Sampling Date **09/27/22, 14:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	150	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1			
Total Nitrogen (TKN)	0.377	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.258	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016431**
Client Identification **TYLMI-20220927**
Sampling Date **09/27/22, 15:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	290	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	1.23	mg/l		0.1			
Total Nitrogen (TKN)	0.484	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.743	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016432**
Client Identification **MONMN-20220927**
Sampling Date **09/27/22, 14:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	390	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	1.25	mg/l		0.1			
Total Nitrogen (TKN)	1.14	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.113	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016433**
Client Identification **MONMS-20220927**
Sampling Date **09/27/22, 15:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	38.	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.54	mg/l		0.1			
Total Nitrogen (TKN)	0.516	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.022	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016434**
Client Identification **MONM-20220927**
Sampling Date **09/27/22, 16:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	150	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.52	mg/l		0.1			
Total Nitrogen (TKN)	0.347	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.174	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016435**
Client Identification **TOSMI-20220927**
Sampling Date **09/27/22, 13:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	230	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	1.22	mg/l		0.1			
Total Nitrogen (TKN)	0.588	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.632	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016436**
Client Identification **SEIMN-20220927**
Sampling Date **09/27/22, 13:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	630	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.71	mg/l		0.1			
Total Nitrogen (TKN)	0.526	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.187	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016437**
Client Identification **COLM-20220927**
Sampling Date **09/27/22**

AMTEST Identification Number **22-A016438**
Client Identification **SEIMS-20220927**
Sampling Date **09/27/22, 15:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	350	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.70	mg/l		0.1			
Total Nitrogen (TKN)	0.476	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.224	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016439**
Client Identification **QA122-20220927**
Sampling Date **09/27/22, 13:05**

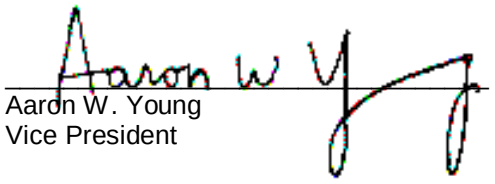
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	150	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	1.14	mg/l		0.1			
Total Nitrogen (TKN)	0.500	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	0.642	mg/l		0.02	SM4500NO3	MD	10/04/22

AMTEST Identification Number **22-A016440**
Client Identification **QA123-20220927**
Sampling Date **09/27/22, 13:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	< 1	CFU/100 ml		1	SM 9222D	OB	09/28/22
Total Nitrogen (NOX&TKN)	0.35	mg/l		0.1			
Total Nitrogen (TKN)	0.348	mg/l		0.25	SM4500N	MD	10/06/22
Total Nitrate + Nitrite	< 0.02	mg/l		0.02	SM4500NO3	MD	10/04/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 22-A016427 to 22-A016440

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A016427	Fecal Coliform	CFU/100 ml	870	880	1.1
22-A016440	Fecal Coliform	CFU/100 ml	< 1	< 1	
22-A016326	Total Nitrogen (TKN)	mg/l	2.33	2.34	0.43
22-A016440	Total Nitrogen (TKN)	mg/l	0.348	0.350	0.57
22-A016630	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A016635	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A016393	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A016428	Total Nitrate + Nitrite	mg/l	0.234	0.233	0.43
22-A016439	Total Nitrate + Nitrite	mg/l	0.642	0.634	1.3
22-A016440	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A016633	Total Nitrate + Nitrite	mg/l	0.309	0.306	0.98
22-A016734	Total Nitrate + Nitrite	mg/l	0.153	0.161	5.1
22-A016746	Total Nitrate + Nitrite	mg/l	0.108	0.104	3.8
22-A016755	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.05	

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A016326	Total Nitrogen (TKN)	mg/l	2.33	4.29	2.00	98.00 %
22-A016440	Total Nitrogen (TKN)	mg/l	0.348	2.36	2.00	100.60 %
22-A016630	Total Nitrogen (TKN)	mg/l	< 0.25	2.26	2.00	113.00 %
22-A016635	Total Nitrogen (TKN)	mg/l	< 0.25	2.28	2.00	114.00 %
22-A016393	Total Nitrate + Nitrite	mg/l	< 0.02	0.963	1.00	96.30 %
22-A016428	Total Nitrate + Nitrite	mg/l	0.234	1.13	1.00	89.60 %
22-A016439	Total Nitrate + Nitrite	mg/l	0.642	1.74	1.00	109.80 %
22-A016440	Total Nitrate + Nitrite	mg/l	< 0.02	1.05	1.00	105.00 %
22-A016633	Total Nitrate + Nitrite	mg/l	0.309	1.32	1.00	101.10 %
22-A016734	Total Nitrate + Nitrite	mg/l	0.153	1.17	1.00	101.70 %
22-A016746	Total Nitrate + Nitrite	mg/l	0.108	1.08	1.00	97.20 %
22-A016755	Total Nitrate + Nitrite	mg/l	< 0.02	0.917	1.00	91.70 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.00	100. %
Total Nitrogen (TKN)	mg/l	1.00	0.985	98.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.941	94.1 %
Total Nitrate + Nitrite	mg/l	1.00	0.953	95.3 %
Total Nitrate + Nitrite	mg/l	1.00	0.924	92.4 %

QC Summary for sample numbers: 22-A016427 to 22-A016440...

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 09-267

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID		Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
16427	1	COUMO-20220927	9/27/22	13:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16428	2	COUMI-20220927	9/27/22	13:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16429	3	TOSMO-20220927	9/27/22	14:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16430	4	TYLMO-20220927	9/27/22	14:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16431	5	TYLMI-20220927	9/27/22	15:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16432	6	MONMN-20220927	9/27/22	14:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16433	7	MONMS-20220927	9/27/22	15:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16434	8	MONM-20220927	9/27/22	16:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16435	9	TOSMI-20220927	9/27/22	13:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16436	10	SEIMN-20220927	9/27/22	13:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE Inc	9/28/22	715	
Received by:	AmTest	9/28/22	715	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

0.3°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 09-267

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
16437 11	~~COLM-20220927~~	~~9/27/22~~		Water	2	~~Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N~~
16438 12	SEIMS-20220927	9/27/22	15:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16439 13	QA122-20220927	9/27/22	13:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
16440 14	QA123-20220927	9/27/22	13:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	COLM Fu	9/28/22	7:15	
Received by:	AmTest	9/28/22	7:15	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

13 sample not received, called client, voided. KO 9/28/22

0.3°C

CHAIN OF CUSTODY

09-267 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: George Iftner

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 09-267

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	
1	COUMO-2022-0927	9/27/22	13:10	Water	7	X	X	X	X	X	X	X	X	X	
2	COUMI-2022		13:45	Water	7	X	X	X	X	X	X	X	X	X	
3	TOSMO-2022		14:15	Water	7	X	X	X	X	X	X	X	X	X	
4	TYLMO-2022		14:45	Water	7	X	X	X	X	X	X	X	X	X	
5	TYLMI-2022		15:20	Water	7	X	X	X	X	X	X	X	X	X	
6	MONMN-2022		14:50	Water	7	X	X	X	X	X	X	X	X	X	
7	MONMS-2022		15:05	Water	7	X	X	X	X	X	X	X	X	X	
8	MONM-2022		16:20	Water	7	X	X	X	X	X	X	X	X	X	
9	TOSMI-2022		13:05	Water	7	X	X	X	X	X	X	X	X	X	
10	SEIMN-2022		13:45	Water	7	X	X	X	X	X	X	X	X	X	
11	~~COLM-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
12	SEIMS-2022		15:55	Water	7	X	X	X	X	X	X	X	X	X	
13	QA-122-20220927		13:05	Water	7 MW	X	X	X	X	X	X	X	X	X	
14	QA-123-20220927/QA-124-20220927		13:10/13:10		5/12	X	X	X	✓	X	X	X	X	✓	

Relinquished by David Garcia (15) Date 9/27 Received by _____ Date 9/27/22

Firm Herrera Time 16:53 Firm OSE Time 1653

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 09-267

Initiated by: MV

Date Initiated: 9/27/22

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	6.5.6
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	Yes	(No)		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	(Yes)	No		1 2 3 4
3.2 Were any sample labels missing or illegible?	(Yes)	No		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #5) no -0927 on DOC poly #9) no-0927 on labels
#10) no -0927 on Total P & Total Metals poly #14,15) no-0927 on labels
2.5) #11) COLM-20220927 not submitted
3.1) #6) Total P poly empty
3.2) #8) TSS poly ID illegible #12) Total metal, Total P ID illegible
3.7) Coliform will expire in 24hrs

1 - Discuss issue in Case Narrative
2 - Process Sample As-is
3 - Client contacted to discuss problem
4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

09-267 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: George Iftner

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 09-267

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	
1	COUMO-2022 -0927	9/27/22	13:10	Water	7	x	x	x	x	x	x	x	x	x	
2	COUMI-2022		13:45	Water	7	x	x	x	x	x	x	x	x	x	
3	TOSMO-2022		14:15	Water	7	x	x	x	x	x	x	x	x	x	
4	TYLMO-2022		14:45	Water	7	x	x	x	x	x	x	x	x	x	
5	TYLMI-2022		15:20	Water	7	x	x	x	x	x	x	x	x	x	
6	MONMN-2022		14:50	Water	7	x	x	x	x	x	x	x	x	x	
7	MONMS-2022		15:05	Water	7	x	x	x	x	x	x	x	x	x	
8	MONM-2022		16:20	Water	7	x	x	x	x	x	x	x	x	x	
9	TOSMI-2022		13:05	Water	7	x	x	x	x	x	x	x	x	x	
10	SEIMN-2022		13:45	Water	7	x	x	x	x	x	x	x	x	x	
11	COLM-2022			Water	7	x	x	x	x	x	x	x	x	x	
12	SEIMS-2022		15:55	Water	7	x	x	x	x	x	x	x	x	x	
13	QA -122- 20220927		13:05	Water	7	x	x	x	x	x	x	x	x	x	
14	QA-123-20220927 / QA-124-20220927		13:10/13:10		5/2	x	x	x	x	x	x	x	x	x	

Relinquished by David Garcia (13) Date 9/27 Received by _____ Date 9/27/22

Firm Herrera Time 16:53 Firm BSK Time 1653

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #1
Date/Time:	9/27/22 10:45
Barometric Pressure Start of Day:	mmHg: 761.7 Time: 10:45
Barometric Pressure End of Day:	mmHg: 764.4 Time: 16:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	7.6	0	22.9	
Conductivity (µS/cm)	1004	1,000	22.6	
Conductivity (µS/cm)	102.4	100	22.1	
DO % Saturation	99.8	100	22.2	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	0.7	0	22.8	
Conductivity (µS/cm)	100.1	100	22.6	
DO % Saturation	101	100	22.4	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000		
Personnel Performing Calibration:	D. Garcia		
Meter:	Pro DSS #2		
Date/Time:	9/27/22	10:50	
Barometric Pressure Start of Day:	mmHg: 762.0	Time:	10:50
Barometric Pressure End of Day:	mmHg: 764.5	Time:	16:50

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.8	0	23.6	
Conductivity (µS/cm)	1008.1	1,000	23.8	
Conductivity (µS/cm)	107	100	23.8	
DO % Saturation	98.2	100	23.9	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	0	0	22.6	
Conductivity (µS/cm)	100.9	100	22.4	
DO % Saturation	99.7	100	22.4	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 9/27/22 Sample Time: 13:10 PDT

Base Flow or Storm Event? Field filtered 5 minutes later: Y / N PST
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 72° F

Water Quality Sampling

Sample ID: COUMO-20220927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	yes
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: [redacted]

Filter blank sample ID: QA-124

Transfer blank sample ID: QA-123

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.36

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 15.0

Specific Conductivity (µs/cm) 316.9

Dissolved Oxygen (mg/L) 9.77

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 9/27/22 **Sample Time:** 13:45 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COUM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 74°

Water Quality Sampling

Sample ID: COUM1 2022 0927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	none
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): Staff gauge not visible, overgrown by veg

Reference Point (description):

Water Quality Measurments

Temperature (°C) 14.1

Specific Conductivity (µs/cm) 338

Dissolved Oxygen (mg/L) 10.11

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 9/27/22 **Sample Time:** 13:20 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 73° F

Water Quality Sampling

Sample ID: TYLM1 2022 0927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 ✗
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 53 in

Reference Point (description): Tape

Water Quality Measurments

Temperature (°C) 16.3

Specific Conductivity (µs/cm) 248.4

Dissolved Oxygen (mg/L) 9.41

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia N. Bartish

Sample Date: 9/27/22 **Sample Time:** 16:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 77°F

Water Quality Sampling

Sample ID: MONM 2022 0927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color:
Odor: None
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1 ✓
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description): N/A

Water Quality Measurments

Temperature (°C) 13.7

Specific Conductivity (µs/cm) 250.1

Dissolved Oxygen (mg/L) 9.67

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 9/27/22 **Sample Time:** 15:55 PDT PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 77°

Water Quality Sampling

Sample ID: SEIMS 2022 0927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **Initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description): Staff gage removed

Water Quality Measurments

Temperature (°C) 13.3

Specific Conductivity (µs/cm) 125.1

Dissolved Oxygen (mg/L) 8.70

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 9/27/22 **Sample Time:** 14:45 PDT PST

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

HERRERA

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 73°

Water Quality Sampling

Sample ID: TYLMO 2022 0927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.9 ft

Reference Point (description): measure down w/tape

Water Quality Measurments

Temperature (°C) 14.0

Specific Conductivity (µs/cm) 220.8

Dissolved Oxygen (mg/L) 9.95

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 9/27/22 **Sample Time:** 14:15 PDT / PST

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny, 72°

Water Quality Sampling

Sample ID: TOSMO 2022 0927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: none

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.53

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 14.1

Specific Conductivity (µs/cm) 338

Dissolved Oxygen (mg/L) 10.11

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: N. Bratish, M. O'Connor Leith

Sample Date: 9-27-22 **Sample Time:** 1505 PDT PST

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MDNMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: SUNNY, 80°

Water Quality Sampling

Sample ID: MDNMS20220927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Slightly turbid

Color: light brown

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

(YSI Pro DSS 1)

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.8

Reference Point (description): measure down

Water Quality Measurments

Temperature (°C) 13.3

Specific Conductivity (µs/cm) 386.2

Dissolved Oxygen (mg/L) 6.77

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: N. Bartish, M. O'Connor, Lenth

Sample Date: 09-27-22 **Sample Time:** 14:50 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later?** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: SUNNY 80°

Water Quality Sampling

Sample ID: MONMN20220927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	slightly turbid
Color:	light brown
Odor:	none
Sheen:	no
Floatables:	no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.10

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 13.8°

Specific Conductivity (µs/cm) 256.8

Dissolved Oxygen (mg/L) 9.24

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: N. Bartish, M. O'Connor Lenth

Sample Date: 9-27-22 **Sample Time:** 14:20 PDT PST

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: COLMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: SUNNY 80°

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

CREEK DRY NO WATER

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: N. Bartish, M. O'Connor Lenth

Sample Date: 9-27-22 **Sample Time:** 13:05 PDT / PST

Base Flow or Storm Event? BASE **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: ~~KA~~ TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 76°

Water Quality Sampling

Sample ID: TOSM1 20220927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Yes
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA 122 20220927

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: none
Odor: none
Sheen: no
Floatables: no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

(YSI Pro DSS 1)

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.75

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 13.4°

Specific Conductivity (µs/cm) 321.2

Dissolved Oxygen (mg/L) 10.21

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: N. Bartish, M. O'Connor, Leith

Sample Date: 9-27-22 **Sample Time:** 13:45 PDT PST

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: SUNNY 79°

Water Quality Sampling

Sample ID: SEIMN 20220927

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: clear
Odor: none
Sheen: no
Floatables: no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.05

Reference Point (description): tape measure

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/17/22 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn / AmTest: Total nitrogen, fecal coliform bacteria

Checked: initials JL

Sample Date/Sample ID: 9/27/2022 /All locations, QA122 (TOSMI) Lab Ref No 2209-267

date 11/23/2022

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1, 29	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	27, 87	**±20**	NC	**≤ 25**	NC	**≤ 25**	OK	FLAG MONM R DUE TO LOW LCS RECOVERY. FLAG ALL OTHERS J DUE TO HOLDING TIME EXCEEDANCE.
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	5	**≤ 25**	19	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	7	**≤180**	≤1.0 mg/L 1.0 mg/L	95, 95	**±25**	104	**±15**	1, MS <1	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	13	**≤28**	≤1.0 mg/L 1.0 mg/L	98	**±25**	106	**±15**	D=0.08	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	8	**≤28**	≤0.01 mg/L 0.01 mg/L	108, 88	**±25**	93, 93	**±20**	20, 1	**≤ 20**	7	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	7, 9	**≤28**	≤0.1 mg/L 0.1 mg/L	90-114	**±25**	92-100	**±20**	NC, <1-5, D=0.01	**≤ 20**	2, D=0.1	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/17/22 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn / AmTest: Total nitrogen, fecal coliform bacteria

Checked: initials JL

Sample Date/Sample ID: 9/27/2022 /All locations, QA122 (TOSMI) Lab Ref No 2209-267

date 11/23/2022

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	9	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 86	**±25**	NR	**±15**	NC MS 3	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	9	**≤180**	≤5.0 µg/L 5.0 µg/L	90, 88	**±25**	NR	**±15**	NC MS 2	**≤ 20**	4	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	9	**≤180**	≤1.0 µg/L 1.0 µg/L	98, 97	**±25**	NR	**±15**	NC MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	9	**≤180**	≤5.0 µg/L 5.0 µg/L	107, 105	**±25**	NR	**±15**	NC MS 2	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	1	**≤ 35**	42	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

The lab reanalyzed for TSS past the holding time due to a very low LCS recovery (27%); however, the sample for MONM could not be re-analyze due to insufficient sample volume. All TSS values have provisionally been flagged J for holding time exceedance. The TSS values for MONM may be flagged as R pending the final data validation review and consultation with the QA/QC officer.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

Jess Brown
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2210-222

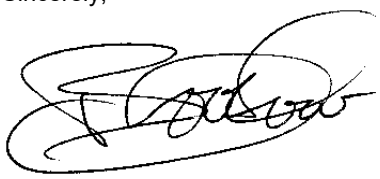
Dear Jess:

Enclosed are the analytical results and associated quality control data for samples submitted on October 21, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

Case Narrative

Samples were collected on October 21, 2022 and received by the laboratory on October 21, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Suspended Solids SM 2540D Analysis

The Total Suspended Solids sample MONM-2022 (10-222-08) was analyzed on 10-24-22. The Spike Blank was outside of control limits. There was insufficient sample to reanalysis. The other samples were reanalyzed within holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Total Suspended Solids	**100**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Total Suspended Solids	**99**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Total Suspended Solids	**710**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Total Suspended Solids	**60**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Total Suspended Solids	**27**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Total Suspended Solids	**17**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Total Suspended Solids	**5.8**	1.0	SM 2540D	1026/22	10-26-22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Total Suspended Solids	**50**	1.0	SM 2540D	10-24-22	10-24-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Total Suspended Solids	**300**	4.0	SM 2540D	1026/22	10-26-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Total Suspended Solids	**21**	1.0	SM 2540D	1026/22	10-26-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Total Suspended Solids	**54**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Total Suspended Solids	**21**	4.0	SM 2540D	1026/22	10-26-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1024W1					
Total Suspended Solids	**ND**	0.80	SM 2540D	10-24-22	10-24-22	
Laboratory ID:	MB1026W2					
Total Suspended Solids	**ND**	1.0	SM 2540D	1026/22	10-26-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-222-08								
	ORIG	DUP							
Total Suspended Solids	**50.0**	**50.9**	NA	NA	NA	NA	2	25	
Laboratory ID:	10-286-02								
	ORIG	DUP							
Total Suspended Solids	**34.0**	**34.0**	NA	NA	NA	NA	0	25	
SPIKE BLANK									
Laboratory ID:	SB1026W2								
	SB		SB		SB				
Total Suspended Solids	**84.0**		100	NA	84	67-112	NA	NA	
Laboratory ID:	SB1024W1								
	SB		SB		SB				
Total Suspended Solids	**121**		100	NA	121	67-112	NA	NA	Z

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Turbidity	**60**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Turbidity	**33**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Turbidity	**260**	1.0	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Turbidity	**41**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Turbidity	**20**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Turbidity	**12**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Turbidity	**2.1**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Turbidity	**39**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Turbidity	**77**	0.20	EPA 180.1	10-21-22	10-21-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Turbidity	**16**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Turbidity	**23**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Turbidity	**11**	0.10	EPA 180.1	10-21-22	10-21-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1021W1					
Turbidity	**ND**	0.10	EPA 180.1	10-21-22	10-21-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-205-01								
	ORIG	DUP							
Turbidity	**23.1**	**22.2**	NA	NA	NA	NA	4	18	

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Hardness	**150**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Hardness	**170**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Hardness	**180**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Hardness	**88**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Hardness	**140**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	

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Laboratory Reference: 2210-222
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Hardness	**160**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Hardness	**53**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Hardness	**64**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Hardness	**140**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	

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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1027WH3					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-222-06										
	ORIG	DUP									
Hardness	**142**	**137**	NA		NA	NA		NA	4	20	
MATRIX SPIKES											
Laboratory ID:	10-222-06										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**265**	**280**	132	132	142	93	105	75-125	6	20	
SPIKE BLANK											
Laboratory ID:	SB1027WH3										
	SB		SB			SB					
Hardness	**140**		132		NA	106		85-115	NA	NA	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Dissolved Organic Carbon	**12**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Dissolved Organic Carbon	**14**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Dissolved Organic Carbon	**25**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Dissolved Organic Carbon	**38**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Dissolved Organic Carbon	**6.2**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Dissolved Organic Carbon	**5.6**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Dissolved Organic Carbon	**7.1**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Dissolved Organic Carbon	**47**	1.0	SM 5310B	11-2-22	11-2-22	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Dissolved Organic Carbon	**3.8**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Dissolved Organic Carbon	**6.1**	1.0	SM 5310B	11-2-22	11-2-22	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1102D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	11-2-22	11-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-222-07								
	ORIG	DUP							
Dissolved Organic Carbon	**5.62**	**5.81**	NA	NA	NA	NA	3	15	
MATRIX SPIKE									
Laboratory ID:	10-222-07								
	MS		MS		MS				
Dissolved Organic Carbon	**16.3**		10.0	5.62	107	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1102D1								
	SB		SB		SB				
Dissolved Organic Carbon	**11.3**		10.0	NA	113	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Total Phosphorus	**0.22**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Total Phosphorus	**0.38**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Total Phosphorus	**1.1**	0.020	EPA 365.1	10-24-22	1025/22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Total Phosphorus	**0.25**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Total Phosphorus	**0.11**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Total Phosphorus	**0.11**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Total Phosphorus	**0.10**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Total Phosphorus	**0.19**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Total Phosphorus	**0.48**	0.010	EPA 365.1	10-24-22	1025/22	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Total Phosphorus	**0.13**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Total Phosphorus	**0.12**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Total Phosphorus	**0.12**	0.010	EPA 365.1	10-24-22	1025/22	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1024W2					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-24-22	1025/22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-222-01								
	ORIG	DUP							
Total Phosphorus	**0.216**	**0.218**	NA	NA	NA	NA	1	20	
MATRIX SPIKE									
Laboratory ID:	10-222-01								
	MS		MS		MS				
Total Phosphorus	**0.449**		0.250	0.216	93	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1024W2								
	SB		SB		SB				
Total Phosphorus	**0.224**		0.250	NA	90	78-110	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Copper	**6.0**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**28**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Copper	**8.8**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**47**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Copper	**41**	5.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**810**	25	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Copper	**32**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**54**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Copper	**13**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**110**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**7.1**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Copper	**2.6**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**41**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Copper	**27**	2.5	EPA 200.8	10-27-22	10-28-22	
Zinc	**340**	13	EPA 200.8	10-27-22	10-28-22	
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**6.5**	5.0	EPA 200.8	10-27-22	10-28-22	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1027WH2					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-222-07										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	10-222-07										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**91.2**	**87.8**	100	100	ND	**91**	**88**	75-125	4	20	
Zinc	**97.6**	**94.0**	100	100	ND	**98**	**94**	75-125	4	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Copper	**4.4**	1.0	EPA 200.8		11-1-22	
Zinc	**7.7**	5.0	EPA 200.8		11-1-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Copper	**5.0**	1.0	EPA 200.8		11-1-22	
Zinc	**7.1**	5.0	EPA 200.8		11-1-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Copper	**4.5**	1.0	EPA 200.8		11-1-22	
Zinc	**13**	5.0	EPA 200.8		11-1-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Copper	**25**	1.0	EPA 200.8		11-1-22	
Zinc	**15**	5.0	EPA 200.8		11-1-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Copper	**1.5**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**8.1**	5.0	EPA 200.8		11-1-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Copper	**12**	1.0	EPA 200.8		11-1-22	
Zinc	**47**	5.0	EPA 200.8		11-1-22	
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1101D1					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-294-01										
	ORIG	DUP									
Copper	**53.4**	**51.8**	NA	NA		NA		NA	3	20	
Zinc	**63.6**	**62.8**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	10-294-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**127**	**126**	80.0	80.0	53.4	**92**	**91**	75-125	1	20	
Zinc	**140**	**138**	80.0	80.0	63.6	**96**	**93**	75-125	1	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**0.010**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*20 - 106*				
Pyrene-d10	*66*	*19 - 104*				
Terphenyl-d14	*71*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*80*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*63*	*20 - 106*				
Pyrene-d10	*63*	*19 - 104*				
Terphenyl-d14	*76*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*20 - 106*				
Pyrene-d10	*71*	*19 - 104*				
Terphenyl-d14	*71*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*44*	*20 - 106*				
Pyrene-d10	*52*	*19 - 104*				
Terphenyl-d14	*69*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1026W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.364**	**0.321**	0.500	0.500	73	64	25 - 82	13	39	
Acenaphthylene	**0.438**	**0.354**	0.500	0.500	88	71	35 - 107	21	26	
Acenaphthene	**0.384**	**0.311**	0.500	0.500	77	62	33 - 99	21	26	
Fluorene	**0.423**	**0.458**	0.500	0.500	85	92	43 - 95	8	24	
Phenanthrene	**0.424**	**0.357**	0.500	0.500	85	71	49 - 100	17	20	
Anthracene	**0.407**	**0.347**	0.500	0.500	81	69	47 - 101	16	21	
Fluoranthene	**0.457**	**0.412**	0.500	0.500	91	82	51 - 115	10	23	
Pyrene	**0.437**	**0.402**	0.500	0.500	87	80	53 - 117	8	24	
Benzo[a]anthracene	**0.467**	**0.439**	0.500	0.500	93	88	57 - 114	6	21	
Chrysene	**0.457**	**0.403**	0.500	0.500	91	81	55 - 119	13	21	
Benzo[b]fluoranthene	**0.457**	**0.416**	0.500	0.500	91	83	56 - 125	9	26	
Benzo(j,k)fluoranthene	**0.446**	**0.421**	0.500	0.500	89	84	53 - 124	6	22	
Benzo[a]pyrene	**0.424**	**0.380**	0.500	0.500	85	76	54 - 119	11	22	
Indeno(1,2,3-c,d)pyrene	**0.456**	**0.379**	0.500	0.500	91	76	55 - 118	18	23	
Dibenz[a,h]anthracene	**0.418**	**0.362**	0.500	0.500	84	72	56 - 118	14	23	
Benzo[g,h,i]perylene	**0.438**	**0.367**	0.500	0.500	88	73	55 - 117	18	22	
Surrogate:										
2-Fluorobiphenyl					*64*	*58*	*20 - 106*			
Pyrene-d10					*74*	*76*	*19 - 104*			
Terphenyl-d14					*81*	*75*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Nov 11 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW

Dear BLAIR GOODROW:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
SEIMS-20221021	Water	22-A018468	Micro, NUT
QA125-20221021	Water	22-A018469	Micro, NUT
COUMO-20221021	Water	22-A018470	Micro, NUT
COUMI-20221021	Water	22-A018471	Micro, NUT
TOSMO-20221021	Water	22-A018472	Micro, NUT
TYLMO-20221021	Water	22-A018473	Micro, NUT
TYLMI-20221021	Water	22-A018474	Micro, NUT
MONMN-20221021	Water	22-A018475	Micro, NUT
MONMS-20221021	Water	22-A018476	Micro, NUT
MONM-20221021	Water	22-A018477	Micro, NUT
TOSMI-20221021	Water	22-A018478	Micro, NUT
SEIMN-20221021	Water	22-A018479	Micro, NUT

Your samples were received on Monday, October 24, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2226630
PO Number: 10-222

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Mineral

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2226630
Project #: 14-05806-000
PO Number: 10-222
All results reported on an as received basis.

Date Received: 10/24/22
Date Reported: 11/11/22

AMTEST Identification Number **22-A018468**
Client Identification **SEIMS-20221021**
Sampling Date **10/21/22, 15:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	520	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.05	mg/l		0.1			
Total Nitrogen (TKN)	0.742	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.306	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018469**
Client Identification **QA125-20221021**
Sampling Date **10/21/22, 15:12**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	680	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.74	mg/l		0.1			
Total Nitrogen (TKN)	0.558	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.179	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018470**
Client Identification **COUMO-20221021**
Sampling Date **10/21/22, 13:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2300	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.72	mg/l		0.1			
Total Nitrogen (TKN)	1.06	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.665	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018471**
Client Identification **COUMI-20221021**
Sampling Date **10/21/22, 13:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	480	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	2.79	mg/l		0.1			
Total Nitrogen (TKN)	1.69	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	1.10	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018472**
Client Identification **TOSMO-20221021**
Sampling Date **10/21/22, 14:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1700	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	4.98	mg/l		0.1			
Total Nitrogen (TKN)	4.20	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.783	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018473**
Client Identification **TYLMO-20221021**
Sampling Date **10/21/22, 14:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1500	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	3.42	mg/l		0.1			
Total Nitrogen (TKN)	2.42	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.998	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018474**
Client Identification **TYLMI-20221021**
Sampling Date **10/21/22, 15:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	160	CFU/100 ml		2	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.68	mg/l		0.1			
Total Nitrogen (TKN)	0.764	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.912	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018475**
Client Identification **MONMN-20221021**
Sampling Date **10/21/22, 15:12**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	720	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.78	mg/l		0.1			
Total Nitrogen (TKN)	0.640	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.145	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018476**
Client Identification **MONMS-20221021**
Sampling Date **10/21/22, 15:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	170	CFU/100 ml		2	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.68	mg/l		0.1			
Total Nitrogen (TKN)	0.506	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.179	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018477**
Client Identification **MONM-20221021**
Sampling Date **10/21/22, 15:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1300	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.15	mg/l		0.1			
Total Nitrogen (TKN)	0.804	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.343	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018478**
Client Identification **TOSMI-20221021**
Sampling Date **10/21/22, 12:50**

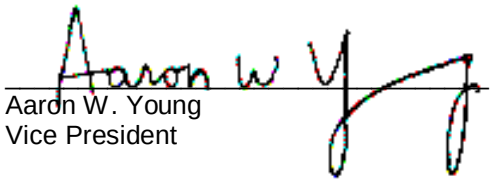
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1000	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	3.72	mg/l		0.1			
Total Nitrogen (TKN)	2.49	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	1.23	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018479**
Client Identification **SEIMN-20221021**
Sampling Date **10/21/22, 13:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	100	CFU/100 ml		2	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.68	mg/l		0.1			
Total Nitrogen (TKN)	0.416	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.265	mg/l		0.02	SM4500NO3	MD	10/27/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 22-A018468 to 22-A018479

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A018468	Fecal Coliform	CFU/100 ml	520	340	42.
22-A018477	Fecal Coliform	CFU/100 ml	1300	1400	7.4
22-A018442	Total Nitrogen (TKN)	mg/l	< 0.25	0.217	
22-A018475	Total Nitrogen (TKN)	mg/l	0.640	0.630	1.6
22-A018709	Total Nitrogen (TKN)	mg/l	0.454	0.455	0.22
22-A018787	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A018911	Total Nitrogen (TKN)	mg/l	0.443	0.449	1.3
22-A019136	Total Nitrogen (TKN)	mg/l	11.1	11.0	0.90
22-A019246	Total Nitrogen (TKN)	mg/l	0.978	0.984	0.61
22-A019253	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A018350	Total Nitrate + Nitrite	mg/l	0.090	0.092	2.2
22-A018370	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A018381	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A018456	Total Nitrate + Nitrite	mg/l	16.4	16.5	0.61
22-A018475	Total Nitrate + Nitrite	mg/l	0.145	0.165	13.
22-A018572	Total Nitrate + Nitrite	mg/l	2.30	2.34	1.7
22-A018692	Total Nitrate + Nitrite	mg/l	0.020	< 0.02	
22-A018712	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A018442	Total Nitrogen (TKN)	mg/l	< 0.25	2.13	2.00	106.50 %
22-A018475	Total Nitrogen (TKN)	mg/l	0.640	2.53	2.00	94.50 %
22-A018709	Total Nitrogen (TKN)	mg/l	0.454	2.36	2.00	95.30 %
22-A018787	Total Nitrogen (TKN)	mg/l	< 0.25	2.03	2.00	101.50 %
22-A018911	Total Nitrogen (TKN)	mg/l	0.443	2.32	2.00	93.85 %
22-A019136	Total Nitrogen (TKN)	mg/l	11.1	15.7	5.00	92.00 %
22-A019246	Total Nitrogen (TKN)	mg/l	0.978	3.00	2.00	101.10 %
22-A019253	Total Nitrogen (TKN)	mg/l	< 0.25	2.18	2.00	109.00 %
22-A018350	Total Nitrate + Nitrite	mg/l	0.090	1.11	1.00	102.00 %
22-A018370	Total Nitrate + Nitrite	mg/l	< 0.02	1.05	1.00	105.00 %
22-A018381	Total Nitrate + Nitrite	mg/l	< 0.02	1.04	1.00	104.00 %
22-A018456	Total Nitrate + Nitrite	mg/l	16.4	26.8	10.0	104.00 %
22-A018475	Total Nitrate + Nitrite	mg/l	0.145	1.20	1.00	105.50 %
22-A018572	Total Nitrate + Nitrite	mg/l	2.30	3.36	1.00	106.00 %
22-A018692	Total Nitrate + Nitrite	mg/l	0.020	1.09	1.00	107.00 %
22-A018712	Total Nitrate + Nitrite	mg/l	< 0.02	1.06	1.00	106.00 %

QC Summary for sample numbers: 22-A018468 to 22-A018479...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.928	92.8 %
Total Nitrogen (TKN)	mg/l	1.00	0.913	91.3 %
Total Nitrogen (TKN)	mg/l	1.00	0.925	92.5 %
Total Nitrogen (TKN)	mg/l	1.00	0.999	99.9 %
Total Nitrate + Nitrite	mg/l	1.00	1.08	108. %
Total Nitrate + Nitrite	mg/l	1.00	1.08	108. %
Total Nitrate + Nitrite	mg/l	1.00	1.06	106. %
Total Nitrate + Nitrite	mg/l	1.00	1.07	107. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-222

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	SEIMS-20221021 18468	10/21/22	15:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	QA125-20221021 18469	10/21/22	15:12	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/24/22	1145	
Received by:	AmTest	10/24/22	1145	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

5.3°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-222

Laboratory: AmTest Laboratories

Turnaround Request

Project Manager: Blair Goodrow

Attention: Aaron Young

1 Day 2 Day 3 Day

email: bgoodrow@onsite-env.com

13600 NE 126th Pl Kirkland, WA 98034

Standard

Project Number: 14-05806-000

Phone Number: (425) 885-1664

Other: _____

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20221021 18470	10/21/22	13:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20221021 18471	10/21/22	13:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20221021 18472	10/21/22	14:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20221021 18473	10/21/22	14:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20221021 18474	10/21/22	15:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20221021 18475	10/21/22	15:12	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20221021 18476	10/21/22	15:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20221021 18477	10/21/22	15:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20221021 18478	10/21/22	12:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20221021 18479	10/21/22	13:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/24/22	1145	
Received by: KO	AmTest	10/24/22	1145	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

5.3°C

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG83232	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38290-1	COUMO-2022-1021
L38290-2	COUMI-2022-1021
L38290-3	TOSMO-2022-1021
L38290-4	TOSMI-2022-1021

Blank: WG83232-101

Reference or Spike: WG83232-102

Duplicate:

Resubmission 26-Jan-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

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OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-222

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

Address: 2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-2022-1021	10/21/22	13:05	w	1	6PPD-q L38290 -1
	COUMI-2022-1021	10/21/22	13:30	w	1	6PPD-q -2
	TOSMO-2022-1021	10/21/22	14:05	w	1	6PPD-q -3
	TOSMI-2022-1021	10/21/22	12:50	w	1	6PPD-q -4

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/26/22	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: KAB		28OCT22	1345	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-2022-1021
Sample Collection:
21-Oct-2022 13:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-1
Matrix:	AQUEOUS	**Sample Size:**	0.501 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:22:49	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		24.1	0.0998 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38290-1_Form1A_AO2V_074S14_SJ3155128.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-2022-1021
Sample Collection:
21-Oct-2022 13:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-1
Matrix:	AQUEOUS	**Sample Size:**	0.501 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:22:49	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.1	38.8	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L38290-1_Form2_AO2V_074S14_SJ3155128.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-2022-1021
Sample Collection:
21-Oct-2022 13:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-2
Matrix:	AQUEOUS	**Sample Size:**	0.490 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:49:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		10.7	0.102 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38290-2_Form1A_AO2V_074S16_SJ3155130.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-2022-1021
Sample Collection:
21-Oct-2022 13:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-2
Matrix:	AQUEOUS	**Sample Size:**	0.490 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:49:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.7	46.1	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38290-2_Form2_AO2V_074S16_SJ3155130.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-2022-1021
Sample Collection:
21-Oct-2022 14:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-3
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:17:05	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.80	0.119 (S)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38290-3_Form1A_AO2V_074S18_SJ3155132.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-2022-1021
Sample Collection:
21-Oct-2022 14:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-3
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:17:05	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.5	39.7	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38290-3_Form2_AO2V_074S18_SJ3155132.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-2022-1021
Sample Collection:
21-Oct-2022 12:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-4
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:44:10	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		11.4	0.163 (S)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38290-4_Form1A_AO2V_074S20_SJ3155134.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-2022-1021
Sample Collection:
21-Oct-2022 12:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-4
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:44:10	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	16.7	34.0	6:04

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38290-4_Form2_AO2V_074S20_SJ3155134.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83232-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:55:40	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-101_Form1A_AO2V_074S12_SJ3155126.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83232-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	03-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Analysis Date:	07-Nov-2022 **Time:** 13:55:40	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO2V_074 S: 12**
Dilution Factor:	N/A	**Blank Data Filename:**	AO2V_074 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	25.2	51.2	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-101_Form2_AO2V_074S12_SJ3155126.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83232-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:01:28	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO2V_074 S: 8**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.14	103	6:06

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-102_Form8A_SJ3155122.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83232-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:01:28	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO2V_074 S: 8**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	24.1	48.9	6:04

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-102_Form8B_SJ3155122.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
Diphenylamine		135	107	90.8	98.8	87.8	94.1	94.4	92.0	
6PPD		133	100	80.6	86.0					
6PPD-Quinone		96.3	91.9	105	97.1	97.9	98.7	106	106	

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3A_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d6-Diphenylamine		115	91.3	110	107	106	91.8	89.9	87.6	
d5-6PPD-Quinone		106	90.6	110	108	108	88.3	98.5	91.1	

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3B_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
Diphenylamine		5:08	5:07	5:08	5:07	5:08	5:08	5:07	5:08		5:08
6PPD		4:24	4:24	4:24	4:24						4:24
6PPD-Quinone		6:07	6:07	6:06	6:07	6:07	6:07	6:06	6:07		6:07

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3C_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		RETENTION TIMES								
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d6-Diphenylamine		5:05	5:05	5:05	5:05	5:05	5:05	5:05	5:05		5:05
d5-6PPD-Quinone		6:05	6:05	6:05	6:05	6:05	6:05	6:05	6:05		6:05

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3D_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	27-Oct-2022	**VER Data Filename:**	AO2V_074 S: 4
Instrument ID:	LC MS/MS	**Analysis Date:**	07-Nov-2022
LC Column ID:	C18	**Analysis Time:**	12:07:15

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
Diphenylamine		5:08	10.0	9.05	90.5
6PPD		4:23	1.00	0.76	75.8
6PPD-Quinone		6:06	1.00	1.05	105

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO2V_074S4__Form4A_SJ3155118.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	27-Oct-2022	**VER Data Filename:**	AO2V_074 S: 4
Instrument ID:	LC MS/MS	**Analysis Date:**	07-Nov-2022
LC Column ID:	C18	**Analysis Time:**	12:07:15

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d6-Diphenylamine		5:05	204	184	90.1
d5-6PPD-Quinone		6:05	49.2	38.0	77.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO2V_074S4__Form4B_SJ3155118.html; Workgroup: WG83232; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable													AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 10-222

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 – 1021	10/21/22	13:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		13:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		14:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		14:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022		15:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022		15:12	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022		15:40	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022		15:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022		12:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022		13:55	Water	7	X	X	X	X	X	X	X	X	X		
~~11~~	~~COLM-2022~~		~~NA~~	~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
11	SEIMS-2022		15:50	Water	7	X	X	X	X	X	X	X	X	X		
12	QA 25-2022-1021		15:12	Water	7	X	X	X	X	X	X	X	X	X		

not received

Relinquished by David Garcia Date 10/21/22 Received by _____ Date _____
Firm Herrera Time 16:51 Firm _____ Time _____
Relinquished by Received Date 10/21/22 Received by _____ Date _____
Firm OSE Time 1708 Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 10-222

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 – 1021	10/21/22	13:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022	"	13:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022	"	14:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022	"	14:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022	"	15:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022	"	15:12	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022	"	15:40	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022	"	15:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022	"	12 50	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022	"	13:55	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022	"	NA	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022	"	15:50	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 125 – 2022 – 1021	"	15:12	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 10/21/22 Received by _____ Date _____
Firm Herrera Time 16:51 Firm _____ Time _____
Relinquished by Received Date 10/21/22 Received by _____ Date _____
Firm OSE Time 1708 Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	10/21/22 10:11
Barometric Pressure Start of Day:	mmHg: 10:11 Time: 762.2
Barometric Pressure End of Day:	mmHg: 764.6 Time: 13:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.0	0	23.7	
Conductivity (µS/cm) *	1368	1,405 ~~1,000~~	25.8	out of 1,000, calibrated using 1413 solution
~~Conductivity (µS/cm)~~		100		
DO % Saturation	90.5	100	23.4	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.8	0	23.1	
Conductivity (µS/cm)	1408	1413 ~~100~~	23.6	
DO % Saturation	100.5	100	22.9	

*Solution has been ordered

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000		
Personnel Performing Calibration:	D. Garcia		
Meter:	Pro DSS #1		
Date/Time:	10/21/22	10:22	
Barometric Pressure Start of Day:	mmHg: 762.1	Time:	10:22
Barometric Pressure End of Day:	mmHg: 764.4	Time:	18:22

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.2	0	22.9	
Conductivity (µS/cm)	1346	~~1402~~ ~~1000~~	22.8	out of 1,000, calibrated w/1400 solution *
~~Conductivity (µS/cm)~~		~~100~~		
DO % Saturation	99.4	100	22.8	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.2	0	4.5	
Conductivity (µS/cm)	1404	~~1402~~ ~~100~~	22.7	
DO % Saturation	100.8	100	21.9	

* Solution has been ordered

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/22 **Sample Time:** 15 40 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: MoNMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rainy, 50°F

Water Quality Sampling

Sample ID: MoNMS-2022-102

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Clear
Odor:	strong garbage odor
Sheen:	N.A
Floatables:	NA

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.84

Reference Point (description): Water level indicator

Water Quality Measurments

Temperature (°C) 12.2

Specific Conductivity (µs/cm) 292.5

Dissolved Oxygen (mg/L) 6.87

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/2022 **Sample Time:** 12:50 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain/storm, 54°F

Water Quality Sampling

Sample ID: TOSMI-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Turbid
Color:	Yellowish brown
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.87

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 13.8

Specific Conductivity (µs/cm) 300.5

Dissolved Oxygen (mg/L) 10.15

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/2022 **Sample Time:** 13:55 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SGIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rainy, 54°F

Water Quality Sampling

Sample ID: SGIMN-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	slightly turbid
Color:	clear
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.542

Reference Point (description): Tape measure

Water Quality Measurments

Temperature (°C) 10.5

Specific Conductivity (µs/cm) 122.8

Dissolved Oxygen (mg/L) 10.97

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/22 **Sample Time:** ~~XX~~ — N/A PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N X
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rainy, 50°F

Water Quality Sampling

Sample ID: COLM - 2022 - 1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): NA

Reference Point (description): NA

Water Quality Measurments

Temperature (°C) NA

Specific Conductivity (µs/cm) NA

Dissolved Oxygen (mg/L) NA

Channel is dry, recorded with photo

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, KZ

Sample Date: 10/21/2022 **Sample Time:** 1512 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y/N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: MONMN - 2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA125-2022-1021

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: slightly turbid

Color: clear

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.22

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 11.4

Specific Conductivity (µs/cm) 299.1

Dissolved Oxygen (mg/L) 10.03

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 15:25 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: MONM-1021-2022

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	clear
Odor:	no
Sheen:	no
Floatables:	no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 ✓
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.81

Reference Point (description): S. gage

Water Quality Measurments

Temperature (°C) 10.4

Specific Conductivity (µs/cm) 285.5

Dissolved Oxygen (mg/L) 10.91

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN & EF

Sample Date: 10/21/22 **Sample Time:** 13:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: COUMO-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020) ✓

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.39

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 11.5°C

Specific Conductivity (µs/cm) 299.0

Dissolved Oxygen (mg/L) 9.96

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 13:30 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: COUM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 51°F

Water Quality Sampling

Sample ID: COUM1-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020) ✓
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): NA (below gage)

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 10.2

Specific Conductivity (µs/cm) 348.1

Dissolved Oxygen (mg/L) 11.02

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: ANTEF

Sample Date: **Sample Time:** 14:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later?** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 52°F

Water Quality Sampling

Sample ID: TOSMO-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NF
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky / brown

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.62

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 10.3

Specific Conductivity (µs/cm) 298.7

Dissolved Oxygen (mg/L) 11.02

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN+EF

Sample Date: 10/21/22 **Sample Time:** 14:40 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain, 50° F

Water Quality Sampling

Sample ID: TYLMO-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description): CULVERT

Water Quality Measurments

Temperature (°C) 11.1

Specific Conductivity (µs/cm) 224.0

Dissolved Oxygen (mg/L) 10.24

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 15:10 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:

(Must filter within 15 minutes of collection)

SITE ID: TYCM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 51°F

Water Quality Sampling

Sample ID: TYLM1-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N/A
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear/murky
Color:	brown
Odor:	None
Sheen:	None
Floatables:	Yes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 ✓
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.42

Reference Point (description): culvert

Water Quality Measurments

Temperature (°C) 11.3

Specific Conductivity (µs/cm) 273.2

Dissolved Oxygen (mg/L) 9.75

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 15:50 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: SEIMS-2022-1024

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear/murky

Color: brown

Odor: none

Sheen: none

Floatables: yes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.87

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 9.4

Specific Conductivity (µs/cm) 1357

Dissolved Oxygen (mg/L) 10.91

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 1/31/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 10/21/2022 /All locations, QA125 (MONMN) Lab Ref No 2210-222

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	3, 5	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	84, 121	**±20**	2, <1	**≤ 25**	21	**≤ 25**	OK	NO FLAG DUE TO SLIGHT LCS EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	4	**≤ 25**	9	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	6	**≤180**	≤1.0 mg/L 1.0 mg/L	93, 105	**±25**	106	**±15**	4 MS 6	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	12	**≤28**	≤1.0 mg/L 1.0 mg/L	107	**±25**	113	**±15**	3	**≤ 20**	2	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	3	**≤28**	≤0.01 mg/L 0.01 mg/L	93	**±25**	90	**±20**	1	**≤ 20**	9	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	6, 18	**≤28**	≤0.1 mg/L 0.1 mg/L	92-109	**±25**	91-108	**±20**	NC 1-13 D=0.001 -0.01	**≤ 20**	21 D=0.08	**≤ 20**	OK	NO FLAG FOR SLIGHT FIELD DUPE EXCEEDANCE FOR TKN

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 1/31/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 10/21/2022 /All locations, QA125 (MONMN) Lab Ref No 2210-222

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	91, 88	**±25**	NR	**±15**	NC MS 4	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	98, 94	**±25**	NR	**±15**	NC MS 4	**≤ 20**	D=0.6	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	11	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 91	**±25**	NR	**±15**	3 MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	11	**≤180**	≤5.0 µg/L 5.0 µg/L	96, 93	**±25**	NR	**±15**	1 MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	3	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	42, 7	**≤ 35**	6	**≤ 50**	OK	FLAG ALL J DUE TO HOLDING TIME EXCEEDANCE. FLAG SEIMS J DUE TO LAB DUPE EXCEEDANCE.
6PPD-q	OK/ MLA-118	NA	**NA**	13, 5	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	MS 103	**±30**	SURR 34-49	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR – 86-133% CCV – 76%	NONE, LAB DUPLICATES WILL BE PROVIDED BY LABORATORY FOR FUTURE SAMPLES
PAHs	OK/ EPA 8270E SIM	NA	**NA**	5, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 44-80	**SURR 19-127**	62-93	**25-125[4]**	6-18 D=0.04 -0.09	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2211-296

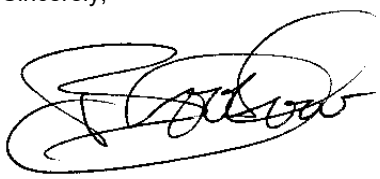
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on November 22, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

Case Narrative

Samples were collected on November 22, 2022 and received by the laboratory on November 22, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Total Suspended Solids	**11**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Total Suspended Solids	**16**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Total Suspended Solids	**49**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Total Suspended Solids	**31**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Total Suspended Solids	**8.4**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Total Suspended Solids	**28**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Total Suspended Solids	**16**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Total Suspended Solids	**53**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Total Suspended Solids	**51**	1.0	SM 2540D	11-22-22	11-22-22	

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Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Total Suspended Solids	**100**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Total Suspended Solids	**5.0**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Total Suspended Solids	**93**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Total Suspended Solids	**56**	1.0	SM 2540D	11-22-22	11-22-22	

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Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1122W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	11-22-22	11-22-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-295-01								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB1122W1								
	SB		SB		SB				
Total Suspended Solids	**86.0**		100	NA	86	67-112	NA	NA	

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Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Turbidity	**4.2**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Turbidity	**2.1**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Turbidity	**9.2**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Turbidity	**3.8**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Turbidity	**0.78**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Turbidity	**3.4**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Turbidity	**4.0**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Turbidity	**3.3**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Turbidity	**16**	0.10	EPA 180.1	11-23-22	11-23-22	

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Turbidity	**3.1**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Turbidity	**0.48**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Turbidity	**2.9**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Turbidity	**3.1**	0.10	EPA 180.1	11-23-22	11-23-22	

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Samples Submitted: November 22, 2022
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Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1123W1					
Turbidity	**ND**	0.10	EPA 180.1	11-23-22	11-23-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-296-01								
	ORIG	DUP							
Turbidity	**4.16**	**4.30**	NA	NA	NA	NA	3	18	

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Hardness	**170**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Hardness	**73**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Hardness	**95**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Hardness	**14**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Hardness	**55**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Hardness	**99**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
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Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1123WH3					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-296-01										
	ORIG	DUP									
Hardness	**110**	**116**	NA		NA	NA		NA	5	20	
MATRIX SPIKES											
Laboratory ID:	11-296-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**252**	**255**	132	132	110	108	110	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB1123WH3										
	SB		SB			SB					
Hardness	**139**		132		NA	105		85-115	NA	NA	

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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Dissolved Organic Carbon	**15**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Dissolved Organic Carbon	**9.0**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Dissolved Organic Carbon	**16**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Dissolved Organic Carbon	**15**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Dissolved Organic Carbon	**20**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Dissolved Organic Carbon	**12**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Dissolved Organic Carbon	**18**	1.0	SM 5310B	12-7-22	12-7-22	

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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Dissolved Organic Carbon	**8.2**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1207D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	12-7-22	12-7-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-296-02								
	ORIG	DUP							
Dissolved Organic Carbon	**8.98**	**9.08**	NA	NA	NA	NA	1	15	
MATRIX SPIKE									
Laboratory ID:	11-296-02								
	MS		MS		MS				
Dissolved Organic Carbon	**19.8**		10.0	8.98	108	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1207D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.6**		10.0	NA	106	88-118	NA	NA	

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Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Total Phosphorus	**0.14**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Total Phosphorus	**0.17**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Total Phosphorus	**0.15**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Total Phosphorus	**0.090**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Total Phosphorus	**0.048**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Total Phosphorus	**0.12**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Total Phosphorus	**0.14**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Total Phosphorus	**0.13**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Total Phosphorus	**0.28**	0.010	EPA 365.1	11-28-22	11-29-22	

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Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Total Phosphorus	**0.12**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Total Phosphorus	**0.15**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Total Phosphorus	**0.12**	0.010	EPA 365.1	11-28-22	11-29-22	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1128W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	11-28-22	11-29-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-295-01								
	ORIG	DUP							
Total Phosphorus	**0.0452**	**0.0468**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	11-295-01								
	MS		MS		MS				
Total Phosphorus	**0.293**		0.250	0.0452	99	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1128W1								
	SB		SB		SB				
Total Phosphorus	**0.220**		0.250	NA	88	78-110	NA	NA	

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Copper	**7.1**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**3800**	130	EPA 200.8	11-28-22	11-28-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Copper	**4.2**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**140**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Copper	**5.6**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**95**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Copper	**9.8**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**22**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Copper	**2.8**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**18**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Copper	**1.3**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**10**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Copper	**2.9**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**5.5**	5.0	EPA 200.8	11-28-22	11-28-22	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Copper	**2.6**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**44**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Copper	**8.5**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**160**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Copper	**1.8**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**ND**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Copper	**ND**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**ND**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Copper	**1.7**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**6.4**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Copper	**2.6**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**40**	5.0	EPA 200.8	11-28-22	11-28-22	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1128WH2					
Copper	**ND**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**ND**	5.0	EPA 200.8	11-28-22	11-28-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-296-10										
	ORIG	DUP									
Copper	**1.84**	**1.74**	NA	NA		NA		NA	6	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	11-296-10										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**91.0**	**89.8**	100	100	1.84	**89**	**88**	75-125	1	20	
Zinc	**95.2**	**93.0**	100	100	ND	**95**	**93**	75-125	2	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Copper	**5.5**	1.0	EPA 200.8		11-30-22	
Zinc	**3600**	130	EPA 200.8		11-30-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Copper	**2.9**	1.0	EPA 200.8		11-30-22	
Zinc	**56**	5.0	EPA 200.8		11-30-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Copper	**2.9**	1.0	EPA 200.8		11-30-22	
Zinc	**45**	5.0	EPA 200.8		11-30-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Copper	**7.2**	1.0	EPA 200.8		11-30-22	
Zinc	**12**	5.0	EPA 200.8		11-30-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Copper	**1.6**	1.0	EPA 200.8		11-30-22	
Zinc	**9.0**	5.0	EPA 200.8		11-30-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Copper	**1.8**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Copper	**1.2**	1.0	EPA 200.8		11-30-22	
Zinc	**13**	5.0	EPA 200.8		11-30-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Copper	**5.2**	1.0	EPA 200.8		11-30-22	
Zinc	**80**	5.0	EPA 200.8		11-30-22	
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Copper	**1.1**	1.0	EPA 200.8		11-30-22	
Zinc	**14**	5.0	EPA 200.8		11-30-22	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1130D1					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-296-13										
	ORIG	DUP									
Copper	**1.12**	**1.14**	NA	NA		NA		NA	1	20	
Zinc	**13.6**	**14.0**	NA	NA		NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	11-296-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**73.8**	**76.6**	80.0	80.0	1.12	**91**	**94**	75-125	4	20	
Zinc	**86.2**	**93.0**	80.0	80.0	13.6	**91**	**99**	75-125	8	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*76*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*67*	*20 - 106*				
Pyrene-d10	*80*	*19 - 104*				
Terphenyl-d14	*87*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*65*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*81*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	U1
Benzo[b]fluoranthene	**ND**	0.016	EPA 8270E/SIM	11-23-22	11-23-22	U1
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270E/SIM	11-23-22	11-23-22	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*20 - 106*				
Pyrene-d10	*69*	*19 - 104*				
Terphenyl-d14	*77*	*41 - 127*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1123W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*78*	*41 - 127*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1123W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.339**	**0.372**	0.500	0.500	68	74	25 - 82	9	39	
Acenaphthylene	**0.347**	**0.376**	0.500	0.500	69	75	35 - 107	8	26	
Acenaphthene	**0.345**	**0.359**	0.500	0.500	69	72	33 - 99	4	26	
Fluorene	**0.366**	**0.387**	0.500	0.500	73	77	43 - 95	6	24	
Phenanthrene	**0.370**	**0.389**	0.500	0.500	74	78	49 - 100	5	20	
Anthracene	**0.372**	**0.386**	0.500	0.500	74	77	47 - 101	4	21	
Fluoranthene	**0.391**	**0.423**	0.500	0.500	78	85	51 - 115	8	23	
Pyrene	**0.404**	**0.438**	0.500	0.500	81	88	53 - 117	8	24	
Benzo[a]anthracene	**0.360**	**0.356**	0.500	0.500	72	71	57 - 114	1	21	
Chrysene	**0.369**	**0.399**	0.500	0.500	74	80	55 - 119	8	21	
Benzo[b]fluoranthene	**0.402**	**0.385**	0.500	0.500	80	77	56 - 125	4	26	
Benzo(j,k)fluoranthene	**0.377**	**0.415**	0.500	0.500	75	83	53 - 124	10	22	
Benzo[a]pyrene	**0.372**	**0.380**	0.500	0.500	74	76	54 - 119	2	22	
Indeno(1,2,3-c,d)pyrene	**0.383**	**0.395**	0.500	0.500	77	79	55 - 118	3	23	
Dibenz[a,h]anthracene	**0.388**	**0.398**	0.500	0.500	78	80	56 - 118	3	23	
Benzo[g,h,i]perylene	**0.365**	**0.373**	0.500	0.500	73	75	55 - 117	2	22	
Surrogate:										
2-Fluorobiphenyl					*65*	*70*	*20 - 106*			
Pyrene-d10					*72*	*78*	*19 - 104*			
Terphenyl-d14					*67*	*67*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Dec 15 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20221122	Water	22-A020222	Micro, NUT
COUMI-20221122	Water	22-A020223	Micro, NUT
TOSMO-20221122	Water	22-A020224	Micro, NUT
TYLMO-20221122	Water	22-A020225	Micro, NUT
TYLMI-20221122	Water	22-A020226	Micro, NUT
MONMN-20221122	Water	22-A020227	Micro, NUT
MONMS-20221122	Water	22-A020228	Micro, NUT
MONM-20221122	Water	22-A020229	Micro, NUT
TOSMI-201122	Water	22-A020230	Micro, NUT
SEIMN-20221122	Water	22-A020231	Micro, NUT
COLM-20221122	Water	22-A020232	Micro, NUT
SEIMS-20221122	Water	22-A020233	Micro, NUT
QA126-20221122	Water	22-A020234	Micro, NUT

Your samples were received on Tuesday, November 22, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

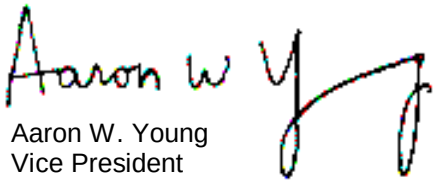
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2227110
PO Number: 11-296

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
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Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2227110
Project #: 14-05806-000
PO Number: 11-296
All results reported on an as received basis.

Date Received: 11/22/22
Date Reported: 12/15/22

AMTEST Identification Number **22-A020222**
Client Identification **COUMO-20221122**
Sampling Date **11/22/22, 09:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	380	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.53	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.17	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.364	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020223**
Client Identification **COUMI-20221122**
Sampling Date **11/22/22, 10:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	330	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.89	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.652	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.240	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020224**
Client Identification **TOSMO-20221122**
Sampling Date **11/22/22, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3000	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.37	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.966	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.400	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020225**
Client Identification **TYLMO-20221122**
Sampling Date **11/22/22, 10:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	500	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.29	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.09	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.200	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020226**
Client Identification **TYLMI-20221122**
Sampling Date **11/22/22, 11:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	58.	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.75	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.706	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.047	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020227**
Client Identification **MONMN-20221122**
Sampling Date **11/22/22, 12:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	540	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.80	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.597	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.203	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020228**
Client Identification **MONMS-20221122**
Sampling Date **11/22/22, 12:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	280	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.84	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.658	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.183	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020229**
Client Identification **MONM-20221122**
Sampling Date **11/22/22, 12:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	200	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.91	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.847	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.059	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020230**
Client Identification **TOSMI-201122**
Sampling Date **11/22/22, 09:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2500	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.36	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.870	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.492	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020231**
Client Identification **SEIMN-20221122**
Sampling Date **11/22/22, 11:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	60.	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.59	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.385	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.207	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020232**
Client Identification **COLM-20221122**
Sampling Date **11/22/22, 11:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	30.	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.53	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.533	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	< 0.02	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020233**
Client Identification **SEIMS-20221122**
Sampling Date **11/22/22, 11:40**

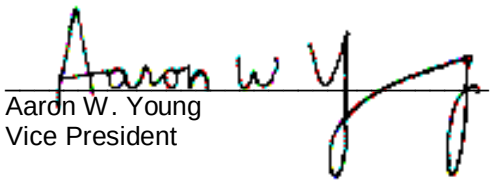
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	350	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.50	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.138	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020234**
Client Identification **QA126-20221122**
Sampling Date **11/22/22, 12:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	360	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.10	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.05	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.052	mg/l		0.02	SM4500NO3	MD	12/12/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 22-A020222 to 22-A020234

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A020222	Fecal Coliform	CFU/100 ml	380	400	5.1
22-A020232	Fecal Coliform	CFU/100 ml	30.	27.	11.
22-A020231	Total Nitrogen (TKN)	mg/l	0.385	0.384	0.26
22-A020904	Total Nitrogen (TKN)	mg/l	2.02	1.98	2.0
22-A021194	Total Nitrogen (TKN)	mg/l	1.68	1.70	1.2
22-A021249	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A021256	Total Nitrogen (TKN)	mg/l	44.7	44.8	0.22
22-A020231	Total Nitrate + Nitrite	mg/l	0.207	0.207	0.00
22-A020904	Total Nitrate + Nitrite	mg/l	7.43	7.28	2.0
22-A020995	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A021033	Total Nitrate + Nitrite	mg/l	1.57	1.56	0.64
22-A021171	Total Nitrate + Nitrite	mg/l	44.6	45.3	1.6
22-A021266	Total Nitrate + Nitrite	mg/l	0.590	0.523	12.
22-A021272	Total Nitrate + Nitrite	mg/l	0.519	0.544	4.7
22-A021283	Total Nitrate + Nitrite	mg/l	1.09	1.06	2.8

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A020231	Total Nitrogen (TKN)	mg/l	0.385	2.38	2.00	99.75 %
22-A020904	Total Nitrogen (TKN)	mg/l	2.02	7.17	5.00	103.00 %
22-A021194	Total Nitrogen (TKN)	mg/l	1.68	3.89	2.00	110.50 %
22-A021249	Total Nitrogen (TKN)	mg/l	< 0.25	2.19	2.00	109.50 %
22-A021256	Total Nitrogen (TKN)	mg/l	44.7	69.8	25.0	100.40 %
22-A020231	Total Nitrate + Nitrite	mg/l	0.207	1.25	1.00	104.30 %
22-A020904	Total Nitrate + Nitrite	mg/l	7.43	17.7	10.0	102.70 %
22-A020995	Total Nitrate + Nitrite	mg/l	< 0.02	0.967	1.00	96.70 %
22-A021033	Total Nitrate + Nitrite	mg/l	1.57	2.49	1.00	92.00 %
22-A021171	Total Nitrate + Nitrite	mg/l	44.6	65.8	20.0	106.00 %
22-A021266	Total Nitrate + Nitrite	mg/l	0.590	1.66	1.00	107.00 %
22-A021272	Total Nitrate + Nitrite	mg/l	0.519	1.58	1.00	106.10 %
22-A021283	Total Nitrate + Nitrite	mg/l	1.09	1.99	1.00	90.00 %

QC Summary for sample numbers: 22-A020222 to 22-A020234...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.969	96.9 %
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.00	100. %
Total Nitrogen (TKN)	mg/l	1.00	0.996	99.6 %
Total Nitrate + Nitrite	mg/l	1.00	0.971	97.1 %
Total Nitrate + Nitrite	mg/l	1.00	1.05	105. %
Total Nitrate + Nitrite	mg/l	1.00	0.993	99.3 %
Total Nitrate + Nitrite	mg/l	1.00	0.994	99.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.946	94.6 %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	0.996	99.6 %
Total Nitrate + Nitrite	mg/l	1.00	1.05	105. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20221122 20222	11/22/22	9:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20221122 20223	11/22/22	10:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20221122 20224	11/22/22	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20221122 20225	11/22/22	10:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20221122 20226	11/22/22	11:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20221122 20227	11/22/22	12:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20221122 20228	11/22/22	12:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20221122 20229	11/22/22	12:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20221122 20230	11/22/22	9:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20221122 20231	11/22/22	11:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature		Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/22/22	355 pm	
Received by: KL	AmTest	11/22/22	1555	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				

T=11.0°C

P.11

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

(Standard)

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20221122 20232	11/22/22	11:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20221122 20233	11/22/22	11:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA126-20221122 20234	11/22/22	12:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		11/22/22	3:55 pm	
Received by: KL	AmTest	11/22/22	1555	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=11.0°C

P.12

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG83742	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38483-1	COUMO-20221122
L38483-2	COUMI-20221122
L38483-3	TOSMO-20221122
L38483-4	TOSMI-20221122

Blank: WG83742-101

Reference or Spike: WG83742-102

Duplicate:

RESUBMISSION 26-JAN-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID:WG83742-101) was below the method nominal limit and were flagged with a 'V'. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

Address: 2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L38483

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-1	COUMO-20221122	11/22/22	9:55	W	2	6PPD-q
-2	COUMI-20221122	11/22/22	10:10	W	2	6PPD-q
-3	TOSMO-20221122	11/22/22	10:35	W	2	6PPD-q
-4	TOSMI-20221122	11/22/22	9:50	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/28/22	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: 30-NOV-2022 IVY LEUNEN 13:45	DEC 01 2022 01-DEC-2022			EIM
Relinquished by:				
Received by:				

SGS AXYS

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221122
Sample Collection:
22-Nov-2022 09:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-1
Matrix:	AQUEOUS	**Sample Size:**	0.380 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:09:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 29**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		64.1	0.132 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-1_Form1A_AO3O_006S29_SJ3187031.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221122
Sample Collection:
22-Nov-2022 09:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-1
Matrix:	AQUEOUS	**Sample Size:**	0.380 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:09:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 29**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.0	67.2	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-1_Form2_AO3O_006S29_SJ3187031.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221122
Sample Collection:
22-Nov-2022 10:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-2
Matrix:	AQUEOUS	**Sample Size:**	0.438 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:25:12	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 30**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		16.8	0.114 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38483-2_Form1A_AO3O_006S30_SJ3187032.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221122
Sample Collection:
22-Nov-2022 10:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-2
Matrix:	AQUEOUS	**Sample Size:**	0.438 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:25:12	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 30**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	38.3	78.0	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-2_Form2_AO3O_006S30_SJ3187032.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221122
Sample Collection:
22-Nov-2022 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38483-3
Sample Receipt Date:	30-Nov-2022	**Sample Size:**	0.474 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 14:40:26	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 31**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		20.9	0.125 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221122
Sample Collection:
22-Nov-2022 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-3
Matrix:	AQUEOUS	**Sample Size:**	0.474 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:40:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 31**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-3_Form2_AO3O_006S31_SJ3187033.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221122
Sample Collection:
22-Nov-2022 09:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-4
Matrix:	AQUEOUS	**Sample Size:**	0.490 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:55:42	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 32**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		81.4	0.151 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38483-4_Form1A_AO3O_006S32_SJ3187034.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221122
Sample Collection:
22-Nov-2022 09:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38483-4
Sample Receipt Date:	30-Nov-2022	**Sample Size:**	0.490 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 14:55:42	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 32**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	29.2	59.5	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-4_Form2_AO3O_006S32_SJ3187034.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83742-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form1A_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83742-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 15**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	10.0	20.4	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form2_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.95	99.1	6:25

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8A_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:23

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8B_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			102	99.8	116	98.5	96.1	95.4	98.0	94.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3A_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			104	103	100	102	99.6	99.1	98.2	94.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3B_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:24	6:23	6:23	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3C_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:21	6:22	6:21	6:22	6:22	6:22	6:22	6:22	6:22

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3D_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.57	91.5

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4A_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:23	49.2	53.6	109

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4B_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable													AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

11-296 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1122	11/22/22	9:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022 1122		10:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022 1122		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022 1122		10:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022 1122		11:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022 1122		~~12:15~~	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022 1122		12:07 ~~12:50~~	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022 1122		12:0[illegible]	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022 1122		9:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022 1122		11:10	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022 1122		11:20	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022 1122		11:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA126-20221122		12:05	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by [signature] Date 11/22 Received by [signature] Date 11/22/22
Firm Herrera Environmental Time 13:23 Firm GSE Time 13:23
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

Initiated by: NB

OnSite Project Number: 11-296

Date Initiated: 11/22/22

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	4.5, 0.5, 2.0
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

11-296 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1122	11/22/22	9:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022 1122		10:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022 1122		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022 1122		10:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022 1122		11:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022 1122		~~12:25~~	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022 1122		12:05 ~~12:00~~	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022 1122		12:10	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022 1122		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022 1122		11:10	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022 1122		11:20	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022 1122		11:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA126-20221122	↓	12:05	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by [signature] Date 11/22 Received by [signature] Date 11/22/22

Firm Herrera Environmental Time 13:23 Firm OSE Time 13:23

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000		
Personnel Performing Calibration:	D. Gardy		
Meter:	YSI ProPSS #1		
Date/Time:	11/21/22		
Barometric Pressure Start of Day:	mmHg: 769.9	Time:	17:34
Barometric Pressure End of Day:	mmHg: 763.8	Time:	18:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.8	0	19.7	
Conductivity (µS/cm)	990	1,000	20.7	
Conductivity (µS/cm)	107.3	100	20.9	
DO % Saturation	101.3	100	20.0	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.9	0	20.8	
Conductivity (µS/cm)	91.7	100	22.2	
DO % Saturation	100.7	100	21.1	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	4/21/22 17:50
Barometric Pressure Start of Day:	mmHg: 769.9 Time: 17:50
Barometric Pressure End of Day:	mmHg: 763.9 Time: 18:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.9	0	20.7	
Conductivity (µS/cm)	963	1,000	21.6	
Conductivity (µS/cm)	101.3	100	21.8	
DO % Saturation	101.2	100	21.4	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.8	0	[illegible]	22.2
Conductivity (µS/cm)	98.4	100	24.4	
DO % Saturation	100.1	100	22.1	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Rebecca Stebbins, Meaghan Lenth

Sample Date: 11-22-22 **Sample Time:** 9:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: raining, 45°F

Water Quality Sampling

Sample ID: TOSMI-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear to murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.1

Reference Point (description): staff gauge

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 731

Dissolved Oxygen (mg/L) 11.74

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH, R. STEBBING

Sample Date: 11/22/22 **Sample Time:** 11:10 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING

Water Quality Sampling

Sample ID: SEIMN-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	no
Sheen:	no
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.25

Reference Point (description): down from bolt

Water Quality Measurments

Temperature (°C) 6.2

Specific Conductivity (µs/cm) 98.8

Dissolved Oxygen (mg/L) 12.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MOCL + RS

Sample Date: 11/22/22 **Sample Time:** 11:20 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 45°

Water Quality Sampling

Sample ID: COLM-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	light brown
Color:	mostly clear
Odor:	none
Sheen:	none
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.4

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 3.9

Specific Conductivity (µs/cm) 49.9

Dissolved Oxygen (mg/L) 11.23

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR, E. NTH, R STERBING

Sample Date: 11/22/22 **Sample Time:** 12:15 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: RAINING 45°

Water Quality Sampling

Sample ID: MONM-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	brown
Color:	slightly turbid
Odor:	no
Sheen:	no
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

~~YSI Pro DSS 1~~

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.2

Specific Conductivity (µs/cm) 225.6

Dissolved Oxygen (mg/L) 11.72

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MOCL + RS

Sample Date: 11/22/22 **Sample Time:** 12:45 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: MONMS+ 2022

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 45°

Water Quality Sampling

Sample ID: MONMS-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.9

Reference Point (description): down maintenance hole rung

Water Quality Measurments

Temperature (°C) 5.5

Specific Conductivity (µs/cm) 247.6

Dissolved Oxygen (mg/L) 9.32

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF & TF

Sample Date: 11/22/22 **Sample Time:** 9.55 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: CUOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45°F + Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: brown

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.5

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.7

Specific Conductivity (µs/cm) 359.4

Dissolved Oxygen (mg/L) 11.04

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 10:10 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COUM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45°, Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.65

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 243.0

Dissolved Oxygen (mg/L) 11.51

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 10:35 PDT:

Base Flow or Storm Event? (Storm) **Field filtered 5 minutes later: Y N** PST:

(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° + Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.66

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.9

Specific Conductivity (µs/cm) 934

Dissolved Oxygen (mg/L) 11.41

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: ~~oct~~ 11/22/22 **Sample Time:** 10:55 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° + Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N/A
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.93

Reference Point (description): From top of culvert

Water Quality Measurments

Temperature (°C) 7.4

Specific Conductivity (µs/cm) 167.6

Dissolved Oxygen (mg/L) 11.24

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 11:15 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp:

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NF
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables: stagnant flow + leaf debris & clothes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.43

Reference Point (description): downstream culvert

Water Quality Measurments

Temperature (°C) 7.6

Specific Conductivity (µs/cm) 219.2

Dissolved Oxygen (mg/L) 9.69

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: ET & TF

Sample Date: 11/22/22 **Sample Time:** 1145 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Rain

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.95

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.5

Specific Conductivity (µs/cm) 82.8

Dissolved Oxygen (mg/L) 11.31

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 12:00 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° + Raining

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N/A
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.07

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 314.0

Dissolved Oxygen (mg/L) 11.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 12:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: QK

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° raining

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.07

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 314.6

Dissolved Oxygen (mg/L) 11.5

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/22/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/22/22 /All locations, QA126 (MONM) Lab Ref No 2211-296

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	<1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	86	**±20**	NC	**≤ 25**	6	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	3	**≤ 25**	6	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	1	**≤180**	≤1.0 mg/L 1.0 mg/L	108, 110	**±25**	105	**±15**	5 MS 1	**≤ 20**	1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	15	**≤28**	≤1.0 mg/L 1.0 mg/L	108	**±25**	106	**±15**	1	**≤ 20**	8	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	99	**±25**	88	**±20**	D=0.002	**≤ 20**	15	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	20, 21	**≤28**	≤0.1 mg/L 0.1 mg/L	92-111	**±25**	97-105	**±20**	NC, <1-12, D=0.001	**≤ 20**	D=0.01 D=0.2	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/22/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/22/22 /All locations, QA126 (MONM) Lab Ref No 2211-296

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	89, 88	**±25**	NR	**±15**	D=0.1 MS 1	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	95, 93	**±25**	NR	**±15**	NC MS 2	**≤ 20**	10	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	91, 94	**±25**	NR	**±15**	D=0.02 MS 4	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	91, 99	**±25**	NR	**±15**	D=0.4 MS 8	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	5, 11	**≤ 35**	57	**≤ 50**	OK	FLAG MONM J DUE TO FIELD DUPE EXCEEDANCE
6PPD-q	OK/ MLA-118	NA	**NA**		**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	99	**±30**	SURR 59-78	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =95-116% CCV =92%	NONE
PAHs	OK/ EPA 8270E SIM	NA	**NA**	1, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 57-87	**19-127[4]**	66-88	**25-125[4]**	1-10, D=0.1-0.3	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2211-351

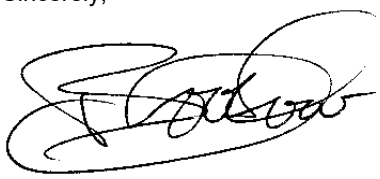
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on November 30, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

Case Narrative

Samples were collected on November 29, 2022 and received by the laboratory on November 30, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Total Suspended Solids	**42**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Total Suspended Solids	**22**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Total Suspended Solids	**35**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Total Suspended Solids	**17**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Total Suspended Solids	**7.4**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Total Suspended Solids	**54**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1202W2					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Total Suspended Solids	**41.8**	**45.3**	NA	NA	NA	NA	8	25	
SPIKE BLANK									
Laboratory ID:	SB1202W2								
	SB		SB		SB				
Total Suspended Solids	**88.0**		100	NA	88	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Turbidity	**6.4**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Turbidity	**5.6**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Turbidity	**17**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Turbidity	**3.2**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Turbidity	**1.3**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Turbidity	**0.71**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Turbidity	**2.5**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Turbidity	**9.0**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Turbidity	**0.74**	0.10	EPA 180.1	11-30-22	11-30-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1130W1					
Turbidity	**ND**	0.10	EPA 180.1	11-30-22	11-30-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Turbidity	**6.40**	**6.77**	NA	NA	NA	NA	6	18	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Hardness	**41**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Hardness	**77**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Hardness	**46**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Hardness	**47**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Hardness	**69**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Hardness	**71**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

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HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Hardness	**26**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-351-01										
	ORIG	DUP									
Hardness	**41.3**	**46.9**	NA		NA	NA		NA	13	20	
MATRIX SPIKES											
Laboratory ID:	11-351-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**186**	**183**	132	132	41.3	110	107	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB1205WH2										
	SB		SB			SB					
Hardness	**138**		132		NA	105		85-115	NA	NA	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Dissolved Organic Carbon	**7.3**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Dissolved Organic Carbon	**8.4**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Dissolved Organic Carbon	**7.0**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Dissolved Organic Carbon	**5.9**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Dissolved Organic Carbon	**8.4**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Dissolved Organic Carbon	**8.3**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	12-8-22	12-8-22	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1208D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	12-8-22	12-8-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Dissolved Organic Carbon	**7.35**	**7.37**	NA	NA	NA	NA	0	15	
MATRIX SPIKE									
Laboratory ID:	11-351-01								
	MS		MS		MS				
Dissolved Organic Carbon	**17.4**		10.0	7.35	101	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1208D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.5**		10.0	NA	105	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Total Phosphorus	**0.095**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Total Phosphorus	**0.095**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Total Phosphorus	**0.071**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Total Phosphorus	**0.040**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Total Phosphorus	**0.013**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Total Phosphorus	**0.011**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Total Phosphorus	**0.020**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Total Phosphorus	**0.090**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Total Phosphorus	**0.010**	0.010	EPA 365.1	12-1-22	12-2-22	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1201W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	12-1-22	12-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Total Phosphorus	**0.0950**	**0.0983**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	11-351-01								
	MS		MS		MS				
Total Phosphorus	**0.346**		0.250	0.0950	100	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1201W1								
	SB		SB		SB				
Total Phosphorus	**0.234**		0.250	NA	94	78-110	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Copper	**4.2**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**420**	13	EPA 200.8	12-5-22	12-5-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Copper	**2.6**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**66**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Copper	**3.8**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**51**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Copper	**3.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**12**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Copper	**1.6**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Copper	**1.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Copper	**2.1**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**35**	5.0	EPA 200.8	12-5-22	12-5-22	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Copper	**5.0**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**83**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Copper	**1.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205WH1					
Copper	**ND**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-351-09										
	ORIG	DUP									
Copper	**1.39**	**1.34**	NA	NA		NA		NA	4	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	11-351-09										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**99.6**	**94.4**	100	100	1.39	**98**	**93**	75-125	5	20	
Zinc	**101**	**97.0**	100	100	ND	**101**	**97**	75-125	4	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Copper	**1.8**	1.0	EPA 200.8		12-2-22	
Zinc	**320**	13	EPA 200.8		12-2-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Copper	**1.5**	1.0	EPA 200.8		12-2-22	
Zinc	**38**	5.0	EPA 200.8		12-2-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Copper	**1.9**	1.0	EPA 200.8		12-2-22	
Zinc	**23**	5.0	EPA 200.8		12-2-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Copper	**2.4**	1.0	EPA 200.8		12-2-22	
Zinc	**8.2**	5.0	EPA 200.8		12-2-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Copper	**1.2**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Copper	**1.0**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Copper	**1.2**	1.0	EPA 200.8		12-2-22	
Zinc	**26**	5.0	EPA 200.8		12-2-22	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Copper	**1.7**	1.0	EPA 200.8		12-2-22	
Zinc	**32**	5.0	EPA 200.8		12-2-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Copper	**1.4**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1202D1					
Copper	**ND**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-001-03										
	ORIG	DUP									
Copper	**1.67**	**1.73**	NA	NA		NA		NA	3	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	12-001-03										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**93.6**	**95.4**	80.0	80.0	1.67	**115**	**117**	75-125	2	20	
Zinc	**94.6**	**94.8**	80.0	80.0	ND	**118**	**119**	75-125	0	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*20 - 106*				
Pyrene-d10	*73*	*19 - 104*				
Terphenyl-d14	*72*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*81*	*19 - 104*				
Terphenyl-d14	*77*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*81*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*20 - 106*				
Pyrene-d10	*65*	*19 - 104*				
Terphenyl-d14	*68*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*90*	*19 - 104*				
Terphenyl-d14	*81*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1205W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.353**	**0.285**	0.500	0.500	71	57	25 - 82	21	39	
Acenaphthylene	**0.357**	**0.301**	0.500	0.500	71	60	35 - 107	17	26	
Acenaphthene	**0.345**	**0.295**	0.500	0.500	69	59	33 - 99	16	26	
Fluorene	**0.356**	**0.312**	0.500	0.500	71	62	43 - 95	13	24	
Phenanthrene	**0.388**	**0.339**	0.500	0.500	78	68	49 - 100	13	20	
Anthracene	**0.400**	**0.342**	0.500	0.500	80	68	47 - 101	16	21	
Fluoranthene	**0.416**	**0.375**	0.500	0.500	83	75	51 - 115	10	23	
Pyrene	**0.429**	**0.390**	0.500	0.500	86	78	53 - 117	10	24	
Benzo[a]anthracene	**0.383**	**0.332**	0.500	0.500	77	66	57 - 114	14	21	
Chrysene	**0.426**	**0.372**	0.500	0.500	85	74	55 - 119	14	21	
Benzo[b]fluoranthene	**0.433**	**0.349**	0.500	0.500	87	70	56 - 125	21	26	
Benzo(j,k)fluoranthene	**0.413**	**0.391**	0.500	0.500	83	78	53 - 124	5	22	
Benzo[a]pyrene	**0.400**	**0.350**	0.500	0.500	80	70	54 - 119	13	22	
Indeno(1,2,3-c,d)pyrene	**0.415**	**0.460**	0.500	0.500	83	92	55 - 118	10	23	
Dibenz[a,h]anthracene	**0.422**	**0.372**	0.500	0.500	84	74	56 - 118	13	23	
Benzo[g,h,i]perylene	**0.410**	**0.360**	0.500	0.500	82	72	55 - 117	13	22	
Surrogate:										
2-Fluorobiphenyl					*70*	*54*	*20 - 106*			
Pyrene-d10					*83*	*66*	*19 - 104*			
Terphenyl-d14					*74*	*65*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Dec 15 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20221129	Water	22-A020638	Micro, NUT
COUMI-20221129	Water	22-A020639	Micro, NUT
TOSMO-20221129	Water	22-A020640	Micro, NUT
TYLMO-20221129	Water	22-A020641	Micro, NUT
MONMN-20221129	Water	22-A020642	Micro, NUT
MONMS-20221129	Water	22-A020643	Micro, NUT
MONM-20221129	Water	22-A020644	Micro, NUT
TOSMI-20221129	Water	22-A020645	Micro, NUT
QA127-20221129	Water	22-A020646	Micro, NUT

Your samples were received on Wednesday, November 30, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

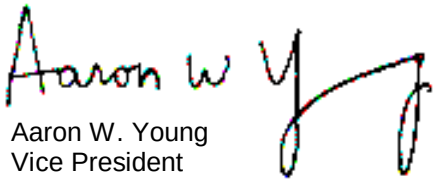
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2227190
PO Number: 11-351

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
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Suite C
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www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2227190
Project #: 14-05806-000
PO Number: 11-351
All results reported on an as received basis.

Date Received: 11/30/22
Date Reported: 12/15/22

AMTEST Identification Number **22-A020638**
Client Identification **COUMO-20221129**
Sampling Date **11/29/22, 21:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	240	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	1.06	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.829	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.233	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020639**
Client Identification **COUMI-20221129**
Sampling Date **11/29/22, 21:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	190	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.78	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.614	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.171	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020640**
Client Identification **TOSMO-20221129**
Sampling Date **11/29/22, 22:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	880	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	1.11	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.922	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.185	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020641**
Client Identification **TYLMO-20221129**
Sampling Date **11/29/22, 23:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	96.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.628	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.138	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020642**
Client Identification **MONMN-20221129**
Sampling Date **11/29/22, 22:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	33.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.434	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.161	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020643**
Client Identification **MONMS-20221129**
Sampling Date **11/29/22, 23:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	12.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.471	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.173	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020644**
Client Identification **MONM-20221129**
Sampling Date **11/29/22, 23:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	56.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	5180	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	5180	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.114	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020645**
Client Identification **TOSMI-20221129**
Sampling Date **11/29/22, 21:20**

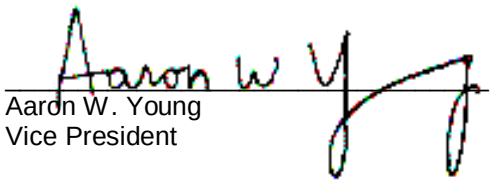
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	800	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.69	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.488	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.201	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020646**
Client Identification **QA127-20221129**
Sampling Date **11/29/22, 23:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	10.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.472	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.163	mg/l		0.02	SM4500NO3	MD	12/06/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
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Kirkland, WA, 98034
(425) 885-1664
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Professional Analytical Services

QC Summary for sample numbers: 22-A020638 to 22-A020646

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A020638	Fecal Coliform	CFU/100 ml	240	260	8.0
22-A020648	Fecal Coliform	CFU/100 ml	4.	1.	120
22-A020641	Total Nitrogen (TKN)	mg/l	0.628	0.654	4.1
22-A020715	Total Nitrogen (TKN)	mg/l	1.20	1.23	2.5
22-A020826	Total Nitrogen (TKN)	mg/l	3.82	3.87	1.3
22-A020715	Total Nitrate + Nitrite	mg/l	1.63	1.70	4.2
22-A020797	Total Nitrate + Nitrite	mg/l	1.37	1.35	1.5
22-A020826	Total Nitrate + Nitrite	mg/l	16.4	16.5	0.61

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A020641	Total Nitrogen (TKN)	mg/l	0.628	2.79	2.00	108.10 %
22-A020715	Total Nitrogen (TKN)	mg/l	1.20	3.25	2.00	102.50 %
22-A020826	Total Nitrogen (TKN)	mg/l	3.82	5.72	2.00	95.00 %
22-A020715	Total Nitrate + Nitrite	mg/l	1.63	12.2	10.0	105.70 %
22-A020797	Total Nitrate + Nitrite	mg/l	1.37	2.36	1.00	99.00 %
22-A020826	Total Nitrate + Nitrite	mg/l	16.4	37.5	20.0	105.50 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.982	98.2 %
Total Nitrogen (TKN)	mg/l	1.00	0.911	91.1 %
Total Nitrogen (TKN)	mg/l	1.00	0.950	95.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-351

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
20638	COUMO-20221129	11/29/22	21:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20639	COUMI-20221129	11/29/22	21:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20640	TOSMO-20221129	11/29/22	22:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20641	TYLMO-20221129	11/29/22	23:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20642	MONMN-20221129	11/29/22	22:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20643	MONMS-20221129	11/29/22	23:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20644	MONM-20221129	11/29/22	23:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20645	TOSMI-20221129	11/29/22	21:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20646	QA127-20221129	11/29/22	23:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/30/22	1:25PM	
Received by: KL	AmTest	11/30/22	1325	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=3.3°C

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG83742	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38483-5	COUMO-20221129
L38483-6	COUMI-20221129
L38483-7	TOSMO-20221129
L38483-8	TOSMI-20221129

Blank: WG83742-101

Reference or Spike: WG83742-102

Duplicate:

RESUBMISSION 26-JAN-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID:WG83742-101) was below the method nominal limit and were flagged with a 'V'. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only.

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February 2017

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OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-351

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L38483

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-5	COUMO-20221129	11/29/22	21:20	W	2	6PPD-q
-6	COUMI-20221129	11/29/22	21:50	W	2	6PPD-q
-7	TOSMO-20221129	11/29/22	22:25	W	2	6PPD-q
-8	TOSMI-20221129	11/29/22	21:20	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/30/22	1600	EIM
Received by:	UPS			
Relinquished by:	UPS			
Received by: RRS 05-DEC-2022 14:05				
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-5
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:10:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		46.3	0.119 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-5_Form1A_AO3O_006S33_SJ3187035.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-5
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:10:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	31.5	64.1	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221129
Sample Collection:
29-Nov-2022 21:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-6
Matrix:	AQUEOUS	**Sample Size:**	0.453 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:26:11	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 34**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.98	0.110 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38483-6_Form1A_AO3O_006S34_SJ3187036.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221129
Sample Collection:
29-Nov-2022 21:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38483-6
Sample Receipt Date:	05-Dec-2022	**Sample Size:**	0.453 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 15:26:11	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 34**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	43.4	88.2	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221129
Sample Collection:
29-Nov-2022 22:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-7
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:41:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 35**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		19.1	0.101 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38483-7_Form1A_AO3O_006S35_SJ3187037.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221129
Sample Collection:
29-Nov-2022 22:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-7
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:41:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 35**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.5	68.2	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-7_Form2_AO3O_006S35_SJ3187037.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-8
Matrix:	AQUEOUS	**Sample Size:**	0.454 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:56:41	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		33.8	0.141 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
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Report Filename: LC_AO_LC_AO118_POS_L38483-8_Form1A_AO3O_006S36_SJ3187038.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-8
Matrix:	AQUEOUS	**Sample Size:**	0.454 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:56:41	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.7	58.4	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-8_Form2_AO3O_006S36_SJ3187038.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83742-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form1A_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83742-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 15**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	10.0	20.4	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form2_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.95	99.1	6:25

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8A_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:23

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8B_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			102	99.8	116	98.5	96.1	95.4	98.0	94.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3A_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			104	103	100	102	99.6	99.1	98.2	94.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3B_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:24	6:23	6:23	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3C_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:21	6:22	6:21	6:22	6:22	6:22	6:22	6:22	6:22

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3D_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.57	91.5

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4A_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:23	49.2	53.6	109

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4B_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
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PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable													AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y												
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

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14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1129	11/29/22	21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		21:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		22:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		23:05	Water	7	X	X	X	X	X	X	X	X	X		
	~~TYLMI-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
5	MONMN-2022	22:40	~~21:20~~ 23:00	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMS-2022		23:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONM-2022		23:30	Water	7	X	X	X	X	X	X	X	X	X		
8	TOSMI-2022		21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	~~SEIMN-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~COLM-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~SEIMS-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
9	QA 12720822-1129	↓	23:00	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Scott Shumway Date 11/30/22 Received by NBuhin Date 11/30/22
Firm Herrera Time 9:06 Firm OSE Time 0905

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 1405806-000

Initiated by: NB

OnSite Project Number: 11-351

Date Initiated: 11/30/22

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0.5, 0.1, 0.3, 0.2
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #5 - All labels read @ 22:40.

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1129	11/29/22	21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		21:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		22:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		23:05	Water	7	X	X	X	X	X	X	X	X	X		
	~~TYLMI-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
5	MONMN-2022		21:20	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMS-2022		23:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONM-2022		23:30	Water	7	X	X	X	X	X	X	X	X	X		
8	TOSMI-2022		21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	~~SEIMN-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
	~~COLM-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
	~~SEIMS-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
9	QA 1279 22-1129	↓	23:00	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Scott Shurnway Date 11/30/22 Received by NBuffin Date 11/30/22
Firm Herrera Time 9:06 Firm OSE Time 0905

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-22 **Sample Time:** ——— PDT PST

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: SNOW 33°F

Water Quality Sampling

Sample ID: COLM-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID: -

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

TOO SNOWY
DIDNT SAMPLE

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 21:50 PDT: / PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COMMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain/snow mix, 33°F

Water Quality Sampling

Sample ID: COMMI20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	light tan
Odor:	decomposing plant matter
Sheen:	no sheen
Floatables:	a few whole fallen ~~leaves~~ leafs

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

SG inaccessible in darkness

Water Quality Measurments

Temperature (°C) 3.4

Specific Conductivity (µs/cm) 180.8

Dissolved Oxygen (mg/L) 13.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Scott Shumaway & David Garcia

Sample Date: 11/29/22 **Sample Time:** 21:20 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain/snow mix, 33°F

Water Quality Sampling

Sample ID: COUMO20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: light brown

Odor: no odor

Sheen: no sheen

Floatables: leaves in stream

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.60

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 3.3

Specific Conductivity (µs/cm) 113.0

Dissolved Oxygen (mg/L) 13.16

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 21:30 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow, 31 °F

Water Quality Sampling

Sample ID: MONM20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: slight tan color

Odor: decomposing organic material

Sheen: no sheen

Floatables: no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

SG unaccessible, not safe

Water Quality Measurments

Temperature (°C) 3.0

Specific Conductivity (µs/cm) 299.4

Dissolved Oxygen (mg/L) 13.08

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-2022 **Sample Time:** 2:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow 33°F

Water Quality Sampling

Sample ID: MONMN-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: clear

Odor: no

Sheen: no

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.2

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) ~~5~~ 3.7

Specific Conductivity (µs/cm) ~~47~~ 196

Dissolved Oxygen (mg/L) ~~15.32~~ 12.38

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbins, M. Lenth

Sample Date: 11-29-22 **Sample Time:** 23:00 PDT

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST

(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow 33°F

Water Quality Sampling

Sample ID: MONMS-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	YES
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA127 20221129

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: clear

Odor: slight odor, plant decomposing

Sheen: no

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO initials:

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.2

Reference Point (description): down drain

Water Quality Measurments

Temperature (°C) 2.9

Specific Conductivity (µs/cm) UU2.6

Dissolved Oxygen (mg/L) 9.71

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-22 **Sample Time:** — PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y N
(Must filter within 15 minutes of collection)

SITE ID: SETMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow 33°F

Water Quality Sampling

Sample ID: SETMN-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

TOO SNOWY
DIDNT SAMPLE

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-22 **Sample Time:** 21:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow/rain 33°F

Water Quality Sampling

Sample ID: TOSMI-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	~
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: mostly clear

Color: slightly brown

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.4

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 3.3

Specific Conductivity (µs/cm) 47.0

Dissolved Oxygen (mg/L) 13.32

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 2205 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain/snow mix, 33°F

Water Quality Sampling

Sample ID: TOSMO20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: slight tan color
Odor: no odor
Sheen: no sheen
Floatables: fallen leafs

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**
Date Checked: **Time:**
Data Entered into Database? YES NO **initials:**
Date Entered: **Time:**
Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.81

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 2.5

Specific Conductivity (µs/cm) 115.4

Dissolved Oxygen (mg/L) 13.49

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 23:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYL MC

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID: TYLMO2022 1129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: slight tan color

Odor: decomposing organic material

Sheen: no sheen

Floatables: no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description): culvert

Water Quality Measurments

Temperature (°C) 3.2

Specific Conductivity (µs/cm) 124.3

Dissolved Oxygen (mg/L) 12.91

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/23/22 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/29/2022 /All locations except TYLMI, SEIMN & COLM, QA127 (MONMS) Lab Ref No 2211-351

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	3	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	88	**±20**	8	**≤ 25**	NC	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	6	**≤ 25**	4	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	6	**≤180**	≤1.0 mg/L 1.0 mg/L	110, 107	**±25**	105	**±15**	13 MS 2	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	9	**≤28**	≤1.0 mg/L 1.0 mg/L	101	**±25**	105	**±15**	<1	**≤ 20**	20	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	2	**≤28**	≤0.01 mg/L 0.01 mg/L	100	**±25**	94	**±20**	3	**≤ 20**	D=0.003	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	7	**≤28**	≤0.1 mg/L 0.1 mg/L	95-108	**±25**	91-104	**±20**	1-4 D=0.026 -0.03	**≤ 20**	18, D=0.001	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/23/22 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/29/2022 /All locations except TYLMI, SEIMN & COLM, QA127 (MONMS) Lab Ref No 2211-351

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks / Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L / 1.0 µg/L	98, 93	**±25**	NR	**±15**	D=0.05 MS 5	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L / 5.0 µg/L	101, 97	**±25**	NR	**±15**	NC MS 4	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	3	**≤180**	≤1.0 µg/L / 1.0 µg/L	115, 117	**±25**	NR	**±15**	D=0.06 MS 2	**≤ 20**	D=0.4	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	3	**≤180**	≤5.0 µg/L / 5.0 µg/L	118, 119	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL / 10 cfu/ 100mL	NA	**NA**	NA	**NA**	8, D=3	**≤ 35**	18	**≤ 50**	OK	NO FLAG FOR SLIGHTLY HIGH LAB DUPE DIFFERENCE, OTHER DUPE OK
6PPD-q	OK/ MLA-118	NA	**NA**		**≤14[2], ≤28**	≤0.1 ng/mL / 0.1 ng/mL	99	**±30**	SURR 58-88	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =94-116% CCV =92%	NONE
PAHs	OK/ EPA 8270E SIM	NA	**NA**	6	**≤7[2], ≤40**	≤0.01-0.1 ug/L / 0.01-0.1 ug/L	SURR 60-82	**19-127[4]**	87-92	**25-125[4]**	5-21 D=0.4-0.07	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 5, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2212-001

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on December 1, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

Case Narrative

Samples were collected on November 30, 2022 and received by the laboratory on December 1, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Total Suspended Solids	**9.2**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1202W2					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Total Suspended Solids	**41.8**	**45.3**	NA	NA	NA	NA	8	25	
SPIKE BLANK									
Laboratory ID:	SB1202W2								
	SB		SB		SB				
Total Suspended Solids	**88.0**		100	NA	88	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Turbidity	**3.7**	0.10	EPA 180.1	12-1-22	12-1-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Turbidity	**1.8**	0.10	EPA 180.1	12-1-22	12-1-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Turbidity	**0.72**	0.10	EPA 180.1	12-1-22	12-1-22	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1201W1					
Turbidity	**ND**	0.10	EPA 180.1	12-1-22	12-1-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	12-001-01								
	ORIG	DUP							
Turbidity	**3.72**	**3.53**	NA	NA	NA	NA	5	18	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Hardness	**29**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Hardness	**15**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-351-01										
	ORIG	DUP									
Hardness	**41.3**	**46.9**	NA		NA	NA		NA	13	20	
MATRIX SPIKES											
Laboratory ID:	11-351-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**186**	**183**	132	132	41.3	110	107	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB1205WH2										
	SB		SB			SB					
Hardness	**138**		132		NA	105		85-115	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Dissolved Organic Carbon	**9.9**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-8-22	12-8-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1208D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	12-8-22	12-8-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Dissolved Organic Carbon	**7.35**	**7.37**	NA	NA	NA	NA	0	15	
MATRIX SPIKE									
Laboratory ID:	11-351-01								
	MS		MS		MS				
Dissolved Organic Carbon	**17.4**		10.0	7.35	101	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1208D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.5**		10.0	NA	105	88-118	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Total Phosphorus	**0.016**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Total Phosphorus	**0.023**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Total Phosphorus	**0.049**	0.010	EPA 365.1	12-1-22	12-2-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1201W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	12-1-22	12-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Total Phosphorus	**0.0950**	**0.0983**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	11-351-01								
	MS		MS		MS				
Total Phosphorus	**0.346**		0.250	0.0950	100	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1201W1								
	SB		SB		SB				
Total Phosphorus	**0.234**		0.250	NA	94	78-110	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Copper	**2.9**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**11**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Copper	**1.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Copper	**1.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205WH1					
Copper	**ND**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-351-09										
	ORIG	DUP									
Copper	**1.39**	**1.34**	NA	NA		NA		NA	4	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	11-351-09										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**99.6**	**94.4**	100	100	1.39	**98**	**93**	75-125	5	20	
Zinc	**101**	**97.0**	100	100	ND	**101**	**97**	75-125	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLMI-20221130**					
Laboratory ID:	12-001-01					
Copper	**2.5**	1.0	EPA 200.8		12-2-22	
Zinc	**8.0**	5.0	EPA 200.8		12-2-22	
Client ID:	**SEIMN-20221130**					
Laboratory ID:	12-001-02					
Copper	**1.2**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	
Client ID:	**COLM-20221130**					
Laboratory ID:	12-001-03					
Copper	**1.7**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: January 5, 2023
Samples Submitted: December 1, 2022
Laboratory Reference: 2212-001
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1202D1					
Copper	**ND**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-001-03										
	ORIG	DUP									
Copper	**1.67**	**1.73**	NA	NA		NA		NA	3	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	12-001-03										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**93.6**	**95.4**	80.0	80.0	1.67	**115**	**117**	75-125	2	20	
Zinc	**94.6**	**94.8**	80.0	80.0	ND	**118**	**119**	75-125	0	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Dec 15 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
TYLMI-20221130	Water	22-A020760	Micro, NUT
SEIMN-20221130	Water	22-A020761	Micro, NUT
COLM-20221130	Water	22-A020762	Micro, NUT

Your samples were received on Thursday, December 1, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

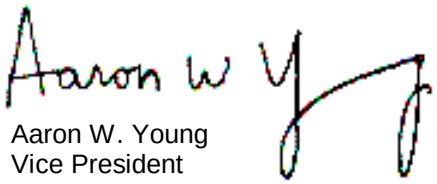
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2227210
PO Number: 12-001

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2227210
Project #: 14-05806-000
PO Number: 12-001
All results reported on an as received basis.

Date Received: 12/01/22
Date Reported: 12/15/22

AMTEST Identification Number **22-A020760**
Client Identification **TYLMI-20221130**
Sampling Date **11/30/22, 17:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	32.	CFU/100 ml		1	SM 9222D	JM	12/01/22
Total Nitrogen (NOX&TKN)	0.88	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.581	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.297	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020761**
Client Identification **SEIMN-20221130**
Sampling Date **11/30/22, 16:20**

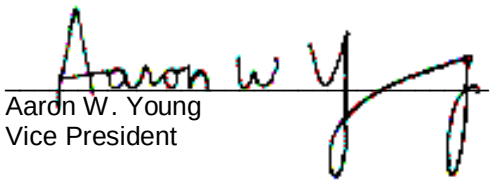
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	12/01/22
Total Nitrogen (NOX&TKN)	0.70	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.600	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.105	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020762**
Client Identification **COLM-20221130**
Sampling Date **11/30/22, 17:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	9.	CFU/100 ml		1	SM 9222D	JM	12/01/22
Total Nitrogen (NOX&TKN)	0.84	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.711	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.130	mg/l		0.02	SM4500NO3	MD	12/06/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 22-A020760 to 22-A020762

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A020742	Fecal Coliform	CFU/100 ml	< 1	1.	
22-A020641	Total Nitrogen (TKN)	mg/l	0.628	0.654	4.1
22-A020715	Total Nitrogen (TKN)	mg/l	1.20	1.23	2.5
22-A020826	Total Nitrogen (TKN)	mg/l	3.82	3.87	1.3
22-A020715	Total Nitrate + Nitrite	mg/l	1.63	1.70	4.2
22-A020797	Total Nitrate + Nitrite	mg/l	1.37	1.35	1.5
22-A020826	Total Nitrate + Nitrite	mg/l	16.4	16.5	0.61

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A020641	Total Nitrogen (TKN)	mg/l	0.628	2.79	2.00	108.10 %
22-A020715	Total Nitrogen (TKN)	mg/l	1.20	3.25	2.00	102.50 %
22-A020826	Total Nitrogen (TKN)	mg/l	3.82	5.72	2.00	95.00 %
22-A020715	Total Nitrate + Nitrite	mg/l	1.63	12.2	10.0	105.70 %
22-A020797	Total Nitrate + Nitrite	mg/l	1.37	2.36	1.00	99.00 %
22-A020826	Total Nitrate + Nitrite	mg/l	16.4	37.5	20.0	105.50 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.982	98.2 %
Total Nitrogen (TKN)	mg/l	1.00	0.911	91.1 %
Total Nitrogen (TKN)	mg/l	1.00	0.950	95.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 12-001

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

(Standard)

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
20760	TYLMI-20221130	11/30/22	17:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20761	SEIMN-20221130	11/30/22	16:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20762	COLM-20221130	11/30/22	17:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	12/1/22	1255	
Received by: KL	AmTest	12/1/22	1255	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T = 4.9°C

CHAIN OF CUSTODY

12-001 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	~~COUMO-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
	~~COUMI-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
	~~TOSMO-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
	~~TYLMO-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
1	TYLMI-2022 1130	11/30/22	17:30	Water	7	X	X	X	X	X	X	X	X	X		
	~~MONMN-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~MONMS-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~MONM-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~TOSMI-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
2	SEIMN-2022 1130	11/30/22	16:20	Water	7	X	X	X	X	X	X	X	X	X		
3	COLM-2022 1130	11/30/22	17:00	Water	7	X	X	X	X	X	X	X	X	X		
	~~SEIMS-2022~~			~~Water~~	~~7~~	~~X~~	X	X	X	X	X	X	X	X		
	~~QA~~			~~Water~~	~~7~~	X	~~X~~	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 12/1/22 Received by Nichelle Baffin Date 12/1/22
Firm Herrera Time 09:31 Firm OSE Time 931
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-058006-000

OnSite Project Number: 12-001

Initiated by: NB

Date Initiated: 12/1/22

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) E. Coli will expire

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #1
Date/Time:	11/29/22 17:35
Barometric Pressure Start of Day:	mmHg: 756.6 Time: 17:37
Barometric Pressure End of Day:	mmHg: Time:

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.0	0	17.8	
Conductivity (µS/cm)	949	1,000	20.7	
Conductivity (µS/cm)	99.9	100	21.4	
DO % Saturation	100.4	100	19.8	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.3	0	18.7	
Conductivity (µS/cm)	93.6	100	18.1	
DO % Saturation	101.0	100	18.1	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	11/29/22 17:56
Barometric Pressure Start of Day:	mmHg: 756.3 Time: 17:52
Barometric Pressure End of Day:	mmHg: Time:

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.8	0	18.7	
Conductivity (µS/cm)	993	1,000	21.8	
Conductivity (µS/cm)	100.0	100	22.4	
DO % Saturation	100.7	100	20.0	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.9	0	19.4	
Conductivity (µS/cm)	95.9	100	21.0	
DO % Saturation	100.6	100	20.3	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

CHAIN OF CUSTODY

12-001 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
~~—~~	~~COUMO-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
~~—~~	~~COUMI-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
~~—~~	~~TOSMO-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
~~—~~	~~TYLMO-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
1	TYLMI-2022	11/30/22	17:30	Water	7	X	X	X	X	X	X	X	X	X		
~~—~~	~~MONMN-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
~~—~~	~~MONMS-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
~~—~~	~~MONM-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
~~—~~	~~TOSMI-2022~~			~~Water~~	~~11~~	X	X	X	X	X	X	X	X	X	X	X
2	SEIMN-2022	11/30/22	16:20	Water	7	X	X	X	X	X	X	X	X	X		
3	COLM-2022	11/30/22	17:00	Water	7	X	X	X	X	X	X	X	X	X		
~~—~~	~~SEIMS-2022~~			~~Water~~	~~7~~	~~X~~	X	X	X	X	X	X	X	X		
~~—~~	~~QA~~			~~Water~~	~~7~~	X	~~X~~	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 12/1/22 Received by Nichole Boffin Date 12/1/22

Firm Herrera Time 09:31 Firm OSE Time 931

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 11/30/22 **Sample Time:** 16:20 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rainy, [illegible]38°

Water Quality Sampling

Sample ID: SEIMN-20221130

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID: N/A

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.56 Ft

Reference Point (description): bolt measure down

Water Quality Measurments

Temperature (°C) 2.7

Specific Conductivity (µs/cm) 73.4

Dissolved Oxygen (mg/L) 13.38

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 11/30/22 **Sample Time:** 17:00 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later: Y** (Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rainy/snow, 35°

Water Quality Sampling

Sample ID: COLM-20221130

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID: N/A

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: normal

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.67

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 2.8

Specific Conductivity (µs/cm) — Not measured

Dissolved Oxygen (mg/L) —

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: O. Garcia

Sample Date: 11/30/22 **Sample Time:** 17:30 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later?** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Snowy, 34°

Water Quality Sampling

Sample ID: TYLM1-20221130

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID: N/A
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color: none
Odor: ↓
Sheen: ↓
Floatables: ↓

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.4 ft

Reference Point (description): top of culvert

Water Quality Measurments

Temperature (°C) 2.9

Specific Conductivity (µs/cm) 111.8

Dissolved Oxygen (mg/L) 12.46

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 1/19/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn / AmTest: Total nitrogen, fecal coliform bacteria

Checked: initials JL

Sample Date/Sample ID: 11/30/22 /TYLI, SEIMN, COLM (Makeup 11/29/22 event); Lab Ref No 2212-001

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	2	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	88	**±20**	8	**≤ 25**	NS	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	5	**≤ 25**	NS	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	5	**≤180**	≤1.0 mg/L 1.0 mg/L	110, 107	**±25**	105	**±15**	13 MS 2	**≤ 20**	NS	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	8	**≤28**	≤1.0 mg/L 1.0 mg/L	101	**±25**	105	**±15**	<1	**≤ 20**	NS	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	1	**≤28**	≤0.01 mg/L 0.01 mg/L	100	**±25**	94	**±20**	D=0.003	**≤ 20**	NS	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	6	**≤28**	≤0.1 mg/L 0.1 mg/L	95-108	**±25**	91-98	**±20**	1-4, D=0.03	**≤ 20**	NS	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 1/19/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn / AmTest: Total nitrogen, fecal coliform bacteria

Checked: initials JL

Sample Date/Sample ID: 11/30/22 /TYLI, SEIMN, COLM (Makeup 11/29/22 event); Lab Ref No 2212-001

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	98, 93	**±25**	NR	**±15**	D=0.05 MS 5	**≤ 20**	NS	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	101, 97	**±25**	NR	**±15**	NC MS 4	**≤ 20**	NS	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	2	**≤180**	≤1.0 µg/L 1.0 µg/L	115, 117	**±25**	NR	**±15**	D=0.06 MS 2	**≤ 20**	NS	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	2	**≤180**	≤5.0 µg/L 5.0 µg/L	118, 119	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NS	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC	**≤ 35**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 29, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2301-049

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on January 9, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

Case Narrative

Samples were collected on January 8, 2023and received by the laboratory on January 9, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Total Suspended Solids	**11**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Total Suspended Solids	**18**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Total Suspended Solids	**10**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Total Suspended Solids	**17**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Total Suspended Solids	**6.0**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Total Suspended Solids	**6.2**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Total Suspended Solids	**110**	0.89	SM 2540D	1-9-23	1-9-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Total Suspended Solids	**20**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Total Suspended Solids	**20**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Total Suspended Solids	**9.0**	0.80	SM 2540D	1-9-23	1-9-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0109W1					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-06								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB0109W1								
	SB		SB		SB				
Total Suspended Solids	**84.0**		100	NA	84	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Turbidity	**4.7**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Turbidity	**6.3**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Turbidity	**5.1**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Turbidity	**12**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Turbidity	**3.5**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Turbidity	**1.9**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Turbidity	**1.1**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Turbidity	**3.6**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Turbidity	**13**	0.10	EPA 180.1	1-9-23	1-9-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Turbidity	**4.6**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Turbidity	**0.31**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Turbidity	**7.7**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Turbidity	**4.5**	0.10	EPA 180.1	1-9-23	1-9-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0109W1					
Turbidity	**ND**	0.10	EPA 180.1	1-9-23	1-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-01								
	ORIG	DUP							
Turbidity	**4.70**	**4.65**	NA	NA	NA	NA	1	18	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Hardness	**87**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Hardness	**85**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Hardness	**36**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Hardness	**51**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Hardness	**69**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Hardness	**76**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Hardness	**85**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Hardness	**25**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Hardness	**23**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Hardness	**44**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Hardness	**92**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-049-01										
	ORIG	DUP									
Hardness	**87.3**	**86.0**	NA		NA	NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	01-049-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**217**	**224**	132	132	87.3	98	104	75-125	3	20	
SPIKE BLANK											
Laboratory ID:	SB0112WH1										
	SB		SB			SB					
Hardness	**135**		132		NA	102		85-115	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Dissolved Organic Carbon	**5.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Dissolved Organic Carbon	**5.3**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Dissolved Organic Carbon	**8.2**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Dissolved Organic Carbon	**4.2**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Dissolved Organic Carbon	**5.7**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Dissolved Organic Carbon	**4.4**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Dissolved Organic Carbon	**5.8**	1.0	SM 5310B	1-11-23	1-11-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Dissolved Organic Carbon	**8.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Dissolved Organic Carbon	**5.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Dissolved Organic Carbon	**6.5**	1.0	SM 5310B	1-11-23	1-11-23	

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Date of Report: March 29, 2023
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Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0111W1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	1-11-23	1-11-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-01								
	ORIG	DUP							
Dissolved Organic Carbon	**5.49**	**5.71**	NA	NA	NA	NA	4	15	
MATRIX SPIKE									
Laboratory ID:	01-049-01								
	MS		MS		MS				
Dissolved Organic Carbon	**14.5**		10.0	5.49	90	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0111W1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.07**		10.0	NA	91	88-118	NA	NA	

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Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Total Phosphorus	**0.043**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Total Phosphorus	**0.073**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Total Phosphorus	**0.042**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Total Phosphorus	**0.052**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Total Phosphorus	**0.026**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Total Phosphorus	**0.018**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Total Phosphorus	**0.017**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Total Phosphorus	**0.028**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Total Phosphorus	**0.078**	0.010	EPA 365.1	1-16-23	1-16-23	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Total Phosphorus	**0.024**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Total Phosphorus	**0.030**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Total Phosphorus	**0.041**	0.010	EPA 365.1	1-16-23	1-16-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-02								
	ORIG	DUP							
Total Phosphorus	**0.0729**	**0.0686**	NA	NA	NA	NA	6	20	
MATRIX SPIKE									
Laboratory ID:	01-049-02								
	MS		MS		MS				
Total Phosphorus	**0.301**		0.250	0.0729	91	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0112W1								
	SB		SB		SB				
Total Phosphorus	**0.220**		0.250	NA	88	78-110	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Copper	**2.3**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**24**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Copper	**2.8**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**40**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Copper	**1.7**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**18**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Copper	**5.9**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**20**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Copper	**3.8**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**19**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Copper	**1.3**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**10**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Copper	**1.5**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Copper	**1.7**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**22**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Copper	**9.2**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**140**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Copper	**2.5**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**26**	5.0	EPA 200.8	1-13-23	1-13-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0113WH1					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-049-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	01-049-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**109**	**102**	100	100	ND	**109**	**102**	75-125	6	20	
Zinc	**108**	**101**	100	100	ND	**108**	**101**	75-125	7	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Copper	**1.6**	1.0	EPA 200.8		1-13-23	
Zinc	**19**	5.0	EPA 200.8		1-13-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**14**	5.0	EPA 200.8		1-13-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**12**	5.0	EPA 200.8		1-13-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Copper	**2.7**	1.0	EPA 200.8		1-13-23	
Zinc	**5.3**	5.0	EPA 200.8		1-13-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Copper	**2.4**	1.0	EPA 200.8		1-13-23	
Zinc	**6.4**	5.0	EPA 200.8		1-13-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Copper	**1.1**	1.0	EPA 200.8		1-13-23	
Zinc	**11**	5.0	EPA 200.8		1-13-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Copper	**1.2**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**12**	5.0	EPA 200.8		1-13-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Copper	**1.9**	1.0	EPA 200.8		1-13-23	
Zinc	**20**	5.0	EPA 200.8		1-13-23	
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Copper	**1.7**	1.0	EPA 200.8		1-13-23	
Zinc	**20**	5.0	EPA 200.8		1-13-23	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0113D1					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-087-01										
	ORIG	DUP									
Copper	**1.16**	**1.03**	NA	NA		NA		NA	12	20	
Zinc	**33.2**	**32.4**	NA	NA		NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	01-087-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**84.4**	**79.0**	80.0	80.0	1.16	**104**	**97**	75-125	7	20	
Zinc	**117**	**106**	80.0	80.0	33.2	**105**	**92**	75-125	9	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*62*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*87*	*41 - 127*				

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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Naphthalene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**0.0093**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*20 - 106*				
Pyrene-d10	*75*	*19 - 104*				
Terphenyl-d14	*88*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*20 - 106*				
Pyrene-d10	*81*	*19 - 104*				
Terphenyl-d14	*97*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**0.013**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**0.016**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*63*	*20 - 106*				
Pyrene-d10	*75*	*19 - 104*				
Terphenyl-d14	*92*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0110W1					
Naphthalene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*44*	*20 - 106*				
Pyrene-d10	*80*	*19 - 104*				
Terphenyl-d14	*108*	*41 - 127*				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0110W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.376**	**0.276**	0.500	0.500	75	55	25 - 82	31	39	
Acenaphthylene	**0.468**	**0.381**	0.500	0.500	94	76	35 - 107	20	26	
Acenaphthene	**0.418**	**0.346**	0.500	0.500	84	69	33 - 99	19	26	
Fluorene	**0.441**	**0.369**	0.500	0.500	88	74	43 - 95	18	24	
Phenanthrene	**0.474**	**0.425**	0.500	0.500	95	85	49 - 100	11	20	
Anthracene	**0.453**	**0.379**	0.500	0.500	91	76	47 - 101	18	21	
Fluoranthene	**0.479**	**0.426**	0.500	0.500	96	85	51 - 115	12	23	
Pyrene	**0.472**	**0.416**	0.500	0.500	94	83	53 - 117	13	24	
Benzo[a]anthracene	**0.492**	**0.446**	0.500	0.500	98	89	57 - 114	10	21	
Chrysene	**0.497**	**0.435**	0.500	0.500	99	87	55 - 119	13	21	
Benzo[b]fluoranthene	**0.446**	**0.361**	0.500	0.500	89	72	56 - 125	21	26	
Benzo(j,k)fluoranthene	**0.481**	**0.411**	0.500	0.500	96	82	53 - 124	16	22	
Benzo[a]pyrene	**0.470**	**0.433**	0.500	0.500	94	87	54 - 119	8	22	
Indeno(1,2,3-c,d)pyrene	**0.457**	**0.414**	0.500	0.500	91	83	55 - 118	10	23	
Dibenz[a,h]anthracene	**0.454**	**0.419**	0.500	0.500	91	84	56 - 118	8	23	
Benzo[g,h,i]perylene	**0.444**	**0.414**	0.500	0.500	89	83	55 - 117	7	22	
Surrogate:										
2-Fluorobiphenyl					*68*	*57*	*20 - 106*			
Pyrene-d10					*80*	*73*	*19 - 104*			
Terphenyl-d14					*96*	*88*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Feb 3 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230108	Water	23-A000308	Micro, NUT
COUMI-20230108	Water	23-A000309	Micro, NUT
TOSMO-20230108	Water	23-A000310	Micro, NUT
TYLMO-20230108	Water	23-A000311	Micro, NUT
TYLMI-20230108	Water	23-A000312	Micro, NUT
MONMN-20230108	Water	23-A000313	Micro, NUT
MONMS-20230108	Water	23-A000314	Micro, NUT
MONM-20230108	Water	23-A000315	Micro, NUT
TOSMI-20230108	Water	23-A000316	Micro, NUT
SEIMN-20230108	Water	23-A000317	Micro, NUT
COLM-20230108	Water	23-A000318	Micro, NUT
SEIMS-20230108	Water	23-A000319	Micro, NUT
QA128-20230108	Water	23-A000320	Micro, NUT

Your samples were received on Monday, January 9, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

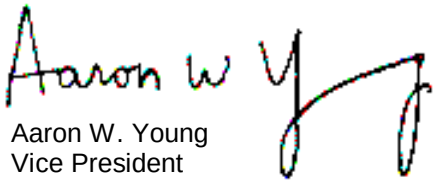
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2327700
PO Number: 01-049

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2327700
Project #: 14-05806-000
PO Number: 01-049
All results reported on an as received basis.

Date Received: 01/09/23
Date Reported: 2/ 3/23

AMTEST Identification Number **23-A000308**
Client Identification **COUMO-20230108**
Sampling Date **01/08/23, 07:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	83.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.575	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.323	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000309**
Client Identification **COUMI-20230108**
Sampling Date **01/08/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	65.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.668	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.235	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000310**
Client Identification **TOSMO-20230108**
Sampling Date **01/08/23, 08:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	250	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.92	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.562	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.358	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000311**
Client Identification **TYLMO-20230108**
Sampling Date **01/08/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	300	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	1.01	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.815	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.198	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000312**
Client Identification **TYLMI-20230108**
Sampling Date **01/08/23, 09:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	44.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.93	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.701	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.230	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000313**
Client Identification **MONMN-20230108**
Sampling Date **01/08/23, 10:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	6.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.80	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.529	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.269	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000314**
Client Identification **MONMS-20230108**
Sampling Date **01/08/23, 10:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.94	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.551	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.388	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000315**
Client Identification **MONM-20230108**
Sampling Date **01/08/23, 10:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	24.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.468	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.300	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000316**
Client Identification **TOSMI-20230108**
Sampling Date **01/08/23, 07:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	280	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.88	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.543	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.336	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000317**
Client Identification **SEIMN-20230108**
Sampling Date **01/08/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	7.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.66	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.494	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.168	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000318**
Client Identification **COLM-20230108**
Sampling Date **01/08/23, 09:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	4.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.51	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.480	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.031	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000319**
Client Identification **SEIMS-20230108**
Sampling Date **01/08/23, 09:40**

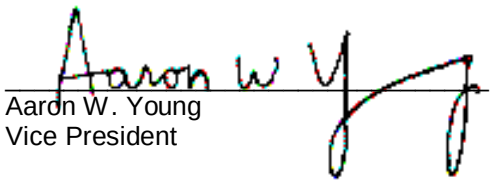
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	160	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.63	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.454	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.173	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000320**
Client Identification **QA128-20230108**
Sampling Date **01/08/23, 07:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	190	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.73	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.349	mg/l		0.3	SM4500N	MD	01/31/23
Total Nitrate + Nitrite	0.378	mg/l		0.02	SM4500NO3	MD	01/13/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A000308 to 23-A000320

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A000308	Fecal Coliform	CFU/100 ml	83.	81.	2.4
23-A000320	Fecal Coliform	CFU/100 ml	190	180	5.4
23-A000152	Total Nitrogen (TKN)	mg/l	0.385	0.383	0.52
23-A000245	Total Nitrogen (TKN)	mg/l	2.32	2.39	3.0
23-A000311	Total Nitrogen (TKN)	mg/l	0.815	0.883	8.0
23-A000320	Total Nitrogen (TKN)	mg/l	21.3	21.7	1.9
23-A000456	Total Nitrogen (TKN)	mg/l	25.8	26.3	1.9
23-A000481	Total Nitrogen (TKN)	mg/l	24.9	25.3	1.6
23-A000522	Total Nitrogen (TKN)	mg/l	59.7	58.7	1.7
23-A000544	Total Nitrogen (TKN)	mg/l	33.3	33.4	0.30
23-A000908	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A000984	Total Nitrogen (TKN)	mg/l	0.515	0.517	0.39
23-A001070	Total Nitrogen (TKN)	mg/l	0.366	0.368	0.54
23-A001122	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A001130	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	0.345	2.6
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	0.363	4.0
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	0.528	3.3
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	0.516	4.2
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	0.158	1.9
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	14.6	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A000152	Total Nitrogen (TKN)	mg/l	0.385	2.56	2.00	108.75 %
23-A000245	Total Nitrogen (TKN)	mg/l	2.32	4.37	2.00	102.50 %
23-A000311	Total Nitrogen (TKN)	mg/l	0.815	2.94	2.00	106.25 %
23-A000320	Total Nitrogen (TKN)	mg/l	21.3	43.0	20.0	108.50 %
23-A000456	Total Nitrogen (TKN)	mg/l	25.8	51.2	25.0	101.60 %
23-A000481	Total Nitrogen (TKN)	mg/l	24.9	80.4	50.0	111.00 %
23-A000522	Total Nitrogen (TKN)	mg/l	59.7	113.	50.0	106.60 %
23-A000544	Total Nitrogen (TKN)	mg/l	33.3	60.2	25.0	107.60 %
23-A000908	Total Nitrogen (TKN)	mg/l	< 0.3	1.07	1.00	107.00 %
23-A000984	Total Nitrogen (TKN)	mg/l	0.515	2.69	2.00	108.75 %
23-A001070	Total Nitrogen (TKN)	mg/l	0.366	2.59	2.00	111.20 %
23-A001122	Total Nitrogen (TKN)	mg/l	0.294	2.55	2.00	112.80 %
23-A001130	Total Nitrogen (TKN)	mg/l	0.182	2.28	2.00	104.90 %
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	1.36	1.00	102.40 %

QC Summary for sample numbers: 23-A000308 to 23-A000320...

MATRIX SPIKES continued....

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	1.32	1.00	94.20 %
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	1.53	1.00	101.90 %
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	0.855	1.00	85.50 %
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	1.54	1.00	104.50 %
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	0.925	1.00	92.50 %
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	1.10	1.00	93.90 %
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	24.2	10.0	96.00 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.04	104. %
Total Nitrogen (TKN)	mg/l	1.00	1.07	107. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.07	107. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.01	101. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.04	104. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	0.999	99.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.985	98.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.935	93.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.966	96.6 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02

QC Summary for sample numbers: 23-A000308 to 23-A000320...

BLANKS continued....

ANALYTE	UNITS	RESULT
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-049

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
308	COUMO-20230108	1/8/23	7:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
309	COUMI-20230108	1/8/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
310	TOSMO-20230108	1/8/23	8:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
311	TYLMO-20230108	1/8/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
312	TYLMI-20230108	1/8/23	9:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
313	MONMN-20230108	1/8/23	10:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
314	MONMS-20230108	1/8/23	10:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
315	MONM-20230108	1/8/23	10:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
316	TOSMI-20230108	1/8/23	7:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
317	SEIMN-20230108	1/8/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	CSE	1/9/23	1205	
Received by: KH	Amtest	1/9/23	1211	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T= 10.3°C

P.12

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-049

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
318	COLM-20230108	1/8/23	9:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
319	SEIMS-20230108	1/8/23	9:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
320	QA128-20230108	1/8/23	7:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/9/23	1205	T= 10.3C
Received by: KH	Amtest	1/9/23	1211	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84161	***Date:*** 28-Mar-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38664-5	COUMO-20230108
L38664-6	COUMI-20230108
L38664-7	TOSMO-20230108
L38664-8	TOSMI-20230108

Blank: WG84161-101

Reference or Spike: WG84161-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID: WG84161-101) was below the method nominal limit and was flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for a labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-049

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230108 L38864-5	1/8/23	7:35	W	2	6PPD-q
	COUMI-20230108 -6	1/8/23	8:05	W	2	6PPD-q
	TOSMO-20230108 -7	1/8/23	8:25	W	2	6PPD-q
	TOSMI-20230108 -8	1/8/23	7:55	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	CORE	1/9/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: RRS		~~13-Jan-23~~	~~13:05~~	RRS 20JAN2023
Relinquished by:		12 Jan- 2023		
Received by:			~~13:10~~ 12:10	RRS 20JAN2023

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230108
Sample Collection:
08-Jan-2023 07:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-5
Matrix:	AQUEOUS	**Sample Size:**	0.476 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:19:38	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 31**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		12.9	0.105 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-5_Form1A_AO3O_060S31_SJ3217475.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230108
Sample Collection:
08-Jan-2023 07:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-5
Sample Receipt Date:	18-Jan-2023	**Sample Size:**	0.476 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 15:19:38	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 31**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	38.1	77.4	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-5_Form2_AO3O_060S31_SJ3217475.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230108
Sample Collection:
08-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-6
Matrix:	AQUEOUS	**Sample Size:**	0.392 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:34:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 32**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		9.99	0.127 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-6_Form1A_AO3O_060S32_SJ3217476.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230108
Sample Collection:
08-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-6
Matrix:	AQUEOUS	**Sample Size:**	0.392 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:34:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 32**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.9	70.9	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-6_Form2_AO3O_060S32_SJ3217476.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230108
Sample Collection:
08-Jan-2023 08:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-7
Matrix:	AQUEOUS	**Sample Size:**	0.436 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:50:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		5.76	0.115 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-7_Form1A_AO3O_060S33_SJ3217477.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230108
Sample Collection:
08-Jan-2023 08:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-7
Matrix:	AQUEOUS	**Sample Size:**	0.436 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:50:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.0	67.2	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-7_Form2_AO3O_060S33_SJ3217477.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230108
Sample Collection:
08-Jan-2023 07:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-8
Matrix:	AQUEOUS	**Sample Size:**	0.477 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:05:23	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 34**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		16.0	0.105 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-8_Form1A_AO3O_060S34_SJ3217478.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230108
Sample Collection:
08-Jan-2023 07:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-8
Sample Receipt Date:	18-Jan-2023	**Sample Size:**	0.477 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 16:05:23	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 34**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.5	70.1	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-8_Form2_AO3O_060S34_SJ3217478.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND H		0.647 (S)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form1A_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	1.43	2.91	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form2_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.41	88.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8A_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	36.0	73.2	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8B_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.26	85.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4A_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	49.1	99.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4B_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																			
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y									
OC Pesticides		EPA 625	MLA-007																										Y									
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																													
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																													
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y				
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y															Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																									
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131 2,2',3,3',4,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y											Y										Y							
PCB congeners		SGS AXYS MLA-908	MLA-908						Y											Y										Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								

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SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y				Y	Y						Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y		Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y									Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y			Y	Y		Y	Y	Y
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y		Y						Y		Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y							Y	Y	Y	Y						Y		Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y					Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y	Y		Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y	Y						Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY 01-049

Page ___ of ___

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230108	01-08-23	7:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		8:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		8:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022		9:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022		10:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022		10:10	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022		10:05	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022		7:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022		8:50	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022		9:05	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022		9:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA-20230108~~ QA128-20230108		7:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by [signature] Date 1/9/23 Received by [signature] Date 1/9/23

Firm Herrera Environmental Time 8:00 Firm OSE Time 8:00

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY 01-049

Page ___ of ___

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230108	01-08-23	7:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230108	"	8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230108	"	8:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230108	"	8:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230108	"	9:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230108	"	10:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230108	"	10:10	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230108	"	10:05	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230108	"	7:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230108	"	8:50	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230108	"	9:05	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230108	"	9:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA-20230108~~ QA128-20230108	"	7:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by: [signature] Date 1/9/23 Received by: [signature] Date 1/9/22

Firm [illegible] Time 9:50 Firm OSE Time 8:00

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/2023 **Sample Time:** 7:35 ~~PDT~~ PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y / N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 43°F

Water Quality Sampling

Sample ID: COUMO-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.40

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 72.3

Dissolved Oxygen (mg/L) 11.73

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 7:40 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y (N)
(Must filter within 15 minutes of collection)

SITE ID: QA-128

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID: QA128-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	QA-128
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 √

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.40

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 72.3

Dissolved Oxygen (mg/L) 11.73

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 8:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y / N
(Must filter within 15 minutes of collection)

SITE ID: COUMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 43°F

Water Quality Sampling

Sample ID: COUMI-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 √

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 221.4

Dissolved Oxygen (mg/L) 11.86

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 8:25 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMD

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 45°F

Water Quality Sampling

Sample ID: TOSMD-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.62

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.3

Specific Conductivity (µs/cm) 216.0

Dissolved Oxygen (mg/L) 11.93

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 8:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 46°F

Water Quality Sampling

Sample ID: TYLMO-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.71

Reference Point (description): Top of culvert

Water Quality Measurments

Temperature (°C) 6.6

Specific Conductivity (µs/cm) 106.5

Dissolved Oxygen (mg/L) 12.10

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 9:15 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y / N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 46°F

Water Quality Sampling

Sample ID: TYLM1-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Rep
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Colorless

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.42

Reference Point (description): Top of culvert

Water Quality Measurments

Temperature (°C) 6.1°C

Specific Conductivity (µs/cm) 149.1

Dissolved Oxygen (mg/L) 11.57

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/2023 **Sample Time:** 9:40 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y-N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 44°F

Water Quality Sampling

Sample ID: SEIMS-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Colorless

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.91

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.6

Specific Conductivity (µs/cm) 99.7

Dissolved Oxygen (mg/L) 11.65

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Theo T, KL

Sample Date: 1/18/23 **Sample Time:** 10:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MO NM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 45°

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: creek

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

~~YSI Pro DSS 1~~

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.02

Reference Point (description): S6

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 218.9

Dissolved Oxygen (mg/L) 12.18

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MEAGHAN OCL MAKIEMM

Sample Date: 01/08/23 **Sample Time:** 10:10 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: RAINING 45

Water Quality Sampling

Sample ID: MONMS-20220108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	↓
PAH's	Amber Glass	500 ml	1	None	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: no

Odor: ↓

Sheen: ↓

Floatables: some bubbles

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.1

Reference Point (description): down pipe wl wli

Water Quality Measurments

Temperature (°C) 5.4

Specific Conductivity (µs/cm) 276.2

Dissolved Oxygen (mg/L) 9.34

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. OCONNOR LENTH, M. MATSUMOTO

Sample Date: 01/08/23 **Sample Time:** 8:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 45

Water Quality Sampling

Sample ID: SEIMN-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: no
Odor: no
Sheen: no
Floatables: no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.1

Reference Point (description): bolt on pipe down

Water Quality Measurments

Temperature (°C) 5.3

Specific Conductivity (µs/cm) 73.5

Dissolved Oxygen (mg/L) 12.67

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Meaghan OCL Makie M.M

Sample Date: 01/08/23 **Sample Time:** 7:55 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 42

Water Quality Sampling

Sample ID: TOSM1-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: no

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.90

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 181.0

Dissolved Oxygen (mg/L) 12.19

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MEAGHAN OCL, MAKIEMM

Sample Date: 01/08/23 **Sample Time:** 9:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: RAINING 44

Water Quality Sampling

Sample ID: COLM-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	no
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.67

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.3

Specific Conductivity (µs/cm) 122.4

Dissolved Oxygen (mg/L) 12.18

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MEAGHAN OCL, MAKIE. MM

Sample Date: 01/08/23 **Sample Time:** 10:00 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp:

Water Quality Sampling

Sample ID: MONMN-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: no

Odor:

Sheen:

Floatables: some bubbles

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.25

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.4

Specific Conductivity (µs/cm) 198.6

Dissolved Oxygen (mg/L) 12.16

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/8/2023 /All locations, QA128 (COUMO) Lab Ref No 2301-049

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤0.8 mg/L 1.0 mg/L	NA	**NA**	84	**±20**	NC	**≤ 25**	20	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	1	**≤ 25**	4	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	98, 104	**±25**	102	**±15**	2 MS 3	**≤ 20**	6	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	4	**≤28**	≤1.0 mg/L 1.0 mg/L	90	**±25**	91	**±15**	4	**≤ 20**	17	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	8	**≤28**	≤0.01 mg/L 0.01 mg/L	91	**±25**	88	**±20**	6	**≤ 20**	D=0.002	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	5, 10	**≤28**	≤0.1 mg/L 0.1 mg/L	86-113	**±25**	94-107	**±20**	<1-4, D=0-0.07	**≤ 20**	16 D=0.23 (OK - RL FOR TKN IS 0.3)	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/8/2023 /All locations, QA128 (COUMO) Lab Ref No 2301-049

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	109, 102	**±25**	NR	**±15**	NC MS 6	**≤ 20**	D=0.2	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	108, 101	**±25**	NR	**±15**	NC MS 7	**≤ 20**	D=2	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	104, 97	**±25**	NR	**±15**	NC MS 7	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	105, 92	**±25**	NR	**±15**	NC MS 9	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	2, 5	**≤ 35**	78	**≤ 50**	OK	FLAG COUMO J DUE TO FIELD DUPE EXCEEDANCE
6PPD-q	OK/ MLA-118	NA	**NA**	31, 28	**≤14[2], ≤28**	≤0.65 ng/mL 0.1 ng/mL	88	**±30**	SURR 68-77	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =88-130% CCV =85%	NO FLAG FOR HOLDING TIME EXCEEDANCE WITHIN LAB LIMIT OF 35 DAYS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	2, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 44-108	**19-127[3]**	55-99	**25-125[4]**	7-21, D=0.05-0.1	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 29, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2301-084

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on January 12, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

Case Narrative

Samples were collected on January 12, 2023 and received by the laboratory on January 12, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Total Suspended Solids	**15**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Total Suspended Solids	**17**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Total Suspended Solids	**35**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Total Suspended Solids	**23**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Total Suspended Solids	**8.8**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Total Suspended Solids	**6.4**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Total Suspended Solids	**8.0**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Total Suspended Solids	**34**	0.80	SM 2540D	1-13-23	1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Total Suspended Solids	**27**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Total Suspended Solids	**4.0**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Total Suspended Solids	**21**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-13-23	1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0113W1					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-13-23	1-13-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-02								
	ORIG	DUP							
Total Suspended Solids	**16.8**	**16.2**	NA	NA	NA	NA	4	25	
SPIKE BLANK									
Laboratory ID:	SB0113W1								
	SB		SB		SB				
Total Suspended Solids	**76.0**		100	NA	76	67-112	NA	NA	

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Laboratory Reference: 2301-084
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Turbidity	**8.2**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Turbidity	**11**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Turbidity	**22**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Turbidity	**13**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Turbidity	**6.4**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Turbidity	**3.5**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Turbidity	**2.5**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Turbidity	**5.6**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Turbidity	**17**	0.10	EPA 180.1	1-12-23	1-12-23	

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Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
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TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Turbidity	**9.3**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Turbidity	**0.56**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Turbidity	**15**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Turbidity	**0.57**	0.10	EPA 180.1	1-12-23	1-12-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112W1					
Turbidity	**ND**	0.10	EPA 180.1	1-12-23	1-12-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-01								
	ORIG	DUP							
Turbidity	**8.24**	**8.58**	NA	NA	NA	NA	4	18	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Hardness	**47**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Hardness	**71**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Hardness	**28**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Hardness	**46**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Hardness	**75**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Hardness	**35**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Hardness	**27**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Hardness	**23**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Hardness	**40**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Hardness	**25**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	

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Date of Report: March 29, 2023
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Laboratory Reference: 2301-084
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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0116WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-084-01										
	ORIG	DUP									
Hardness	**46.8**	**46.9**	NA		NA	NA		NA	0	20	
MATRIX SPIKES											
Laboratory ID:	01-084-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**188**	**185**	132	132	46.8	107	105	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB0116WH1										
	SB		SB			SB					
Hardness	**135**		132		NA	102		85-115	NA	NA	

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Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Dissolved Organic Carbon	**4.8**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Dissolved Organic Carbon	**4.0**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Dissolved Organic Carbon	**3.7**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Dissolved Organic Carbon	**7.5**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Dissolved Organic Carbon	**5.8**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Dissolved Organic Carbon	**3.6**	1.0	SM 5310B	1-17-23	1-17-23	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Dissolved Organic Carbon	**7.2**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Dissolved Organic Carbon	**8.7**	1.0	SM 5310B	1-17-23	1-17-23	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0117D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	1-17-23	1-17-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-01								
	ORIG	DUP							
Dissolved Organic Carbon	**4.78**	**4.71**	NA	NA	NA	NA	1	15	
MATRIX SPIKE									
Laboratory ID:	01-084-01								
	MS		MS		MS				
Dissolved Organic Carbon	**14.4**		10.0	4.78	96	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0117D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.64**		10.0	NA	96	88-118	NA	NA	

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Samples Submitted: January 12, 2023
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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Total Phosphorus	**0.041**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Total Phosphorus	**0.057**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Total Phosphorus	**0.076**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Total Phosphorus	**0.052**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Total Phosphorus	**0.041**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Total Phosphorus	**0.017**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Total Phosphorus	**0.020**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Total Phosphorus	**0.027**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Total Phosphorus	**0.085**	0.010	EPA 365.1	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Total Phosphorus	**0.030**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Total Phosphorus	**0.046**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-01								
	ORIG	DUP							
Total Phosphorus	**0.0405**	**0.0452**	NA	NA	NA	NA	11	20	
MATRIX SPIKE									
Laboratory ID:	01-084-01								
	MS		MS		MS				
Total Phosphorus	**0.269**		0.250	0.0405	91	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0112W1								
	SB		SB		SB				
Total Phosphorus	**0.223**		0.250	NA	89	78-110	NA	NA	

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Date of Report: March 29, 2023
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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Copper	**2.2**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**30**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Copper	**1.6**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**21**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Copper	**3.0**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**36**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Copper	**4.7**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**18**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Copper	**2.7**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**9.8**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Copper	**1.1**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**5.9**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Copper	**1.5**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Copper	**1.2**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**16**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Copper	**3.3**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**54**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Copper	**1.1**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0116WH2					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-084-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	01-084-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**95.4**	**108**	100	100	ND	**95**	**108**	75-125	12	20	
Zinc	**95.6**	**109**	100	100	ND	**96**	**109**	75-125	13	20	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**17**	5.0	EPA 200.8		1-17-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**11**	5.0	EPA 200.8		1-17-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**9.8**	5.0	EPA 200.8		1-17-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Copper	**2.4**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Copper	**1.8**	1.0	EPA 200.8		1-17-23	
Zinc	**5.3**	5.0	EPA 200.8		1-17-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**6.0**	5.0	EPA 200.8		1-17-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Copper	**1.1**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**11**	5.0	EPA 200.8		1-17-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Copper	**2.1**	1.0	EPA 200.8		1-17-23	
Zinc	**18**	5.0	EPA 200.8		1-17-23	
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0117D1					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-084-01										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**16.8**	**16.3**	NA	NA		NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	01-084-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**73.4**	**72.4**	80.0	80.0	ND	**92**	**91**	75-125	1	20	
Zinc	**92.2**	**92.0**	80.0	80.0	16.8	**94**	**94**	75-125	0	20	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*83*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**0.015**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**0.016**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*20 - 106*				
Pyrene-d10	*84*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Naphthalene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**0.012**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**0.011**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**0.017**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**0.0099**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**0.011**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**0.012**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*84*	*41 - 127*				

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Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**0.012**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*68*	*20 - 106*				
Pyrene-d10	*79*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0117W1					
Naphthalene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*38*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*95*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0117W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.320**	**0.317**	0.500	0.500	64	63	25 - 82	1	39	
Acenaphthylene	**0.345**	**0.348**	0.500	0.500	69	70	35 - 107	1	26	
Acenaphthene	**0.329**	**0.335**	0.500	0.500	66	67	33 - 99	2	26	
Fluorene	**0.371**	**0.389**	0.500	0.500	74	78	43 - 95	5	24	
Phenanthrene	**0.369**	**0.388**	0.500	0.500	74	78	49 - 100	5	20	
Anthracene	**0.369**	**0.381**	0.500	0.500	74	76	47 - 101	3	21	
Fluoranthene	**0.426**	**0.430**	0.500	0.500	85	86	51 - 115	1	23	
Pyrene	**0.421**	**0.414**	0.500	0.500	84	83	53 - 117	2	24	
Benzo[a]anthracene	**0.361**	**0.382**	0.500	0.500	72	76	57 - 114	6	21	
Chrysene	**0.435**	**0.424**	0.500	0.500	87	85	55 - 119	3	21	
Benzo[b]fluoranthene	**0.489**	**0.416**	0.500	0.500	98	83	56 - 125	16	26	
Benzo(j,k)fluoranthene	**0.496**	**0.434**	0.500	0.500	99	87	53 - 124	13	22	
Benzo[a]pyrene	**0.435**	**0.398**	0.500	0.500	87	80	54 - 119	9	22	
Indeno(1,2,3-c,d)pyrene	**0.457**	**0.391**	0.500	0.500	91	78	55 - 118	16	23	
Dibenz[a,h]anthracene	**0.479**	**0.410**	0.500	0.500	96	82	56 - 118	16	23	
Benzo[g,h,i]perylene	**0.481**	**0.405**	0.500	0.500	96	81	55 - 117	17	22	
Surrogate:										
2-Fluorobiphenyl					*54*	*55*	*20 - 106*			
Pyrene-d10					*72*	*72*	*19 - 104*			
Terphenyl-d14					*77*	*80*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Jan 26 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW

Dear BLAIR GOODROW:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230112	Water	23-A000556	Micro, NUT
COUMI-20230112	Water	23-A000557	Micro, NUT
TOSMO-20230112	Water	23-A000558	Micro, NUT
TYLMO-20230112	Water	23-A000559	Micro, NUT
TYLMI-20230112	Water	23-A000560	Micro, NUT
MONMN-20230112	Water	23-A000561	Micro, NUT
MONMS-20230112	Water	23-A000562	Micro, NUT
MONM-20230112	Water	23-A000563	Micro, NUT
TOSMI-20230112	Water	23-A000564	Micro, NUT
SEIMN-20230112	Water	23-A000565	Micro, NUT
COLM-20221122	Water	23-A000566	Micro, NUT
SEIMS-20221122	Water	23-A000567	Micro, NUT
QA129-20221122	Water	23-A000568	Micro, NUT

Your samples were received on Thursday, January 12, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2327760
PO Number: 01-084

BACT = Bacteriological MET = Metals NUT=Nutrients MIN=Minerals
CONV = Conventionals ORG = Organics DEM=Demand

Am Test Inc.
13600 NE 126TH PL
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Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2327760
Project #: 14-05806-000
PO Number: 01-084
All results reported on an as received basis.

Date Received: 01/12/23
Date Reported: 1/26/23

AMTEST Identification Number **23-A000556**
Client Identification **COUMO-20230112**
Sampling Date **01/12/23, 06:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	660	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.68	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.464	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.221	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000557**
Client Identification **COUMI-20230112**
Sampling Date **01/12/23, 06:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	740	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.63	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.412	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.216	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000558**
Client Identification **TOSMO-20230112**
Sampling Date **01/12/23, 07:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	520	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.98	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.787	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.198	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000559**
Client Identification **TYLMO-20230112**
Sampling Date **01/12/23, 07:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	840	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.14	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.975	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.163	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000560**
Client Identification **TYLMI-20230112**
Sampling Date **01/12/23, 07:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	95.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.07	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.855	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.214	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000561**
Client Identification **MONMN-20230112**
Sampling Date **01/12/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	35.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.602	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.294	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000562**
Client Identification **MONMS-20230112**
Sampling Date **01/12/23, 09:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.07	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.774	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.294	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000563**
Client Identification **MONM-20230112**
Sampling Date **01/12/23, 08:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	44.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.91	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.650	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.263	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000564**
Client Identification **TOSMI-20230112**
Sampling Date **01/12/23, 06:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	680	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.81	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.656	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.155	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000565**
Client Identification **SEIMN-20230112**
Sampling Date **01/12/23, 07:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	30.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.10	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.939	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.161	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000566**
Client Identification **COLM-20221122**
Sampling Date **01/12/23, 08:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.61	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.566	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.045	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000567**
Client Identification **SEIMS-20221122**
Sampling Date **01/12/23, 08:15**

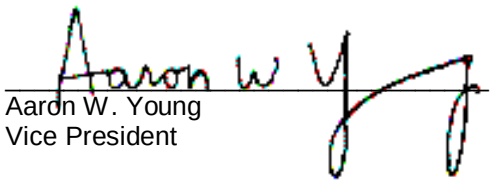
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	33.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.93	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.779	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.153	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000568**
Client Identification **QA129-20221122**
Sampling Date **01/12/23, 08:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	9.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.602	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.040	mg/l		0.02	SM4500NO3	MD	01/13/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A000556 to 23-A000568

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A000493	Fecal Coliform	CFU/100 ml	83.	110	28.
23-A000503	Fecal Coliform	CFU/100 ml	290	330	13.
23-A000556	Fecal Coliform	CFU/100 ml	660	800	19.
23-A000564	Total Nitrogen (TKN)	mg/l	0.656	0.653	0.46
23-A000594	Total Nitrogen (TKN)	mg/l	15.9	16.4	3.1
23-A000641	Total Nitrogen (TKN)	mg/l	48.3	48.9	1.2
23-A000677	Total Nitrogen (TKN)	mg/l	22.4	22.5	0.45
23-A000824	Total Nitrogen (TKN)	mg/l	46.9	46.5	0.86
23-A000851	Total Nitrogen (TKN)	mg/l	30.6	30.8	0.65
23-A000861	Total Nitrogen (TKN)	mg/l	18.9	18.9	0.00
23-A000886	Total Nitrogen (TKN)	mg/l	0.275	0.305	10.
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	0.345	2.6
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	0.363	4.0
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	0.528	3.3
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	0.516	4.2
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	0.158	1.9
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	14.6	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A000564	Total Nitrogen (TKN)	mg/l	0.656	2.76	2.00	105.20 %
23-A000594	Total Nitrogen (TKN)	mg/l	15.9	43.6	25.0	110.80 %
23-A000641	Total Nitrogen (TKN)	mg/l	48.3	102.	50.0	107.40 %
23-A000677	Total Nitrogen (TKN)	mg/l	22.4	47.4	25.0	100.00 %
23-A000824	Total Nitrogen (TKN)	mg/l	46.9	72.5	25.0	102.40 %
23-A000851	Total Nitrogen (TKN)	mg/l	30.6	57.5	25.0	107.60 %
23-A000861	Total Nitrogen (TKN)	mg/l	18.9	45.4	25.0	106.00 %
23-A000886	Total Nitrogen (TKN)	mg/l	0.275	2.47	2.00	109.75 %
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	1.36	1.00	102.40 %
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	1.32	1.00	94.20 %
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	1.53	1.00	101.90 %
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	0.855	1.00	85.50 %
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	1.54	1.00	104.50 %
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	0.925	1.00	92.50 %
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	1.10	1.00	93.90 %
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	24.2	10.0	96.00 %

QC Summary for sample numbers: 23-A000556 to 23-A000568...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	0.990	99.0 %
Total Nitrogen (TKN)	mg/l	1.00	0.947	94.7 %
Total Nitrogen (TKN)	mg/l	1.00	0.950	95.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	0.999	99.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.985	98.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.935	93.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.966	96.6 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-084

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230112 556	1/12/23	6:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230112 557	1/12/23	6:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230112 558	1/12/23	7:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230112 559	1/12/23	7:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230112 560	1/12/23	7:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230112 561	1/12/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230112 562	1/12/23	9:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230112 563	1/12/23	8:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230112 564	1/12/23	6:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230112 565	1/12/23	7:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/12/23	2:10PM	
Received by: KL	AmTest	1/12/23	1410	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				

T= 12.4°C

P.11

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-084

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20221122 566	1/12/23	8:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20221122 567	1/12/23	8:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA129-20221122 568	1/12/23	8:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	1/12/23	2:10pm	
Received by:	KL	AmTest	1/12/23	DS	EDDs - CSV
Relinquished by:			1/12/23	14:10	Reporting Limits:
Received by:					Fecal Coliform - 1.0 cfu/100ml
Relinquished by:					Total Nitrogen - .10 mg/L
Received by:					

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
"The sample(s) to which the findings recorded herein (the "Findings") relate was[were] drawn and [or] provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted."

BATCH SUMMARY

Batch ID: WG84161	***Date:*** 28-Mar-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38664-1	COUMO-20230112
L38664-2	COUMI-20230112
L38664-3	TOSMO-20230112
L38664-4	TOSMI-20230112

Blank: WG84161-101

Reference or Spike: WG84161-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID: WG84161-101) was below the method nominal limit and was flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for a labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.

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February 2017

www.sgsaxys.com

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-084

Laboratory: SGS AXYS Analytical Services Ltd.

Attention: Suma Thomas

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Phone Number: 250-655-5825

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 14-05806-000

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230112 L38664-1	1/12/23	6:35	W	2	6PPD-q
	COUMI-20230112 -2	1/12/23	6:50	W	2	6PPD-q
	TOSMO-20230112 -3	1/12/23	7:05	W	2	6PPD-q
	TOSMI-20230112 -4	1/12/23	6:45	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nicholle Bafin	OSE	1/12/23	1500	EIM
Received by:				
Relinquished by:				
Received by:	SGS	13-Jan-23	13:05	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230112
Sample Collection:
12-Jan-2023 06:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-1
Matrix:	AQUEOUS	**Sample Size:**	0.488 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:18:37	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 27**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		21.2	0.103 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-1_Form1A_AO3O_060S27_SJ3217471.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230112
Sample Collection:
12-Jan-2023 06:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-1
Sample Receipt Date:	13-Jan-2023	**Sample Size:**	0.488 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 14:18:37	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 27**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	26.2	53.3	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-1_Form2_AO3O_060S27_SJ3217471.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230112
Sample Collection:
12-Jan-2023 06:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-2
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:33:52	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		12.8	0.104 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-2_Form1A_AO3O_060S28_SJ3217472.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230112
Sample Collection:
12-Jan-2023 06:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-2
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:33:52	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	26.4	53.6	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-2_Form2_AO3O_060S28_SJ3217472.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230112
Sample Collection:
12-Jan-2023 07:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-3
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:49:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 29**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		12.0	0.103 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-3_Form1A_AO3O_060S29_SJ3217473.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230112
Sample Collection:
12-Jan-2023 07:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-3
Sample Receipt Date:	13-Jan-2023	**Sample Size:**	0.483 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 14:49:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 29**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.1	44.9	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-3_Form2_AO3O_060S29_SJ3217473.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230112
Sample Collection:
12-Jan-2023 06:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-4
Matrix:	AQUEOUS	**Sample Size:**	0.489 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:04:23	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 30**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		22.0	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-4_Form1A_AO3O_060S30_SJ3217474.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230112
Sample Collection:
12-Jan-2023 06:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-4
Sample Receipt Date:	13-Jan-2023	**Sample Size:**	0.489 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 15:04:23	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 30**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	23.9	48.7	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-4_Form2_AO3O_060S30_SJ3217474.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG84161-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND H		0.647 (S)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form1A_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	1.43	2.91	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form2_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.41	88.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8A_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	36.0	73.2	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8B_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

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Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

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Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.26	85.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4A_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	49.1	99.9

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4B_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																			
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y									
OC Pesticides		EPA 625	MLA-007																										Y									
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																													
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																													
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y				
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y															Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																									
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131 2,2',3,3',4,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y			

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y											Y										Y							
PCB congeners		SGS AXYS MLA-908	MLA-908						Y											Y										Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y			Y			Y	Y	Y
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y					Y				Y		Y				Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y		Y	Y	Y	Y			Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y									Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y		Y		Y	Y	Y		Y	Y	Y
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		Draft EPA 1633	MLA-110									Y										Y											Y					
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y		Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y							Y	Y	Y	Y						Y		Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y					Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y	Y		Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y	Y						Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 01-084

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0112	01/12/23	6:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0112		6:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0112		7:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0112		7:30	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0112		7:45	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0112		8:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0112		9:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0112		8:40	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0112		6:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0112		7:35	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0112		8:10	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0112		8:15	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 129-20230112		8:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 1/12/23 Received by Nichelle Date 1/12/23
Firm Herrera Env't Time 9:58 Firm OSS Time 9:58
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 01-084

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0112	01/12/23	6:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0112		6:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0112		7:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0112		7:30	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0112		7:45	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0112		8:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0112		9:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0112		8:40	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0112		6:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0112		7:35	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0112		8:10	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0112		8:15	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 129-20230112		8:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 1/12/23 Received by [signature] Date 1/12/23
Firm Herrera Env. Time 9:58 Firm OSS Time 9:58
Relinquished by [signature] Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	1/11/25 17:15
Barometric Pressure Start of Day:	mmHg: 760.9 Time: 17:15
Barometric Pressure End of Day:	mmHg: 761.2 Time: 15:05

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.0	0	22.4	
Conductivity (µS/cm)	994	1,000	24.4	
Conductivity (µS/cm)	97	100	24.0	
DO % Saturation	99.7	100	22.7	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.0	0	21.7	
Conductivity (µS/cm)	101	100	22.0	
DO % Saturation	103%	100	20.9	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

HERRERA

FIELD ENVIRONMENTAL INSTRUMENTS, INC.
www.fieldenvironmental.com

301 Brushton Ave
Suite A
Pittsburgh, PA 15221
Toll Free (800) 393-4009
Local (412) 436-2600
Fax (412) 436-2616

YSI 556 MPS Calibration Certificate

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 7 @ 25^C	M258-04	9/21/2024	6.94	7.00	(6.86 to 7.14)
			pH mV value	-30.2	(0 mV +/- 50mV)
Cal Standard	Lot #				Acceptable Range
PH 4 @ 25^C	8111363				(3.92 to 4.08)
					(134.8mV to 149.8mV)
Cal Standard	Lot #				Acceptable Range
PH 10 @ 25^C	M145-20				(9.80 to 10.20)
					(-195.2mV to -210.2mV)
Cal Standard	Lot #				Acceptable Range
Conductivity	M195-07				(1.338 to 1.479)
					(0.9 to 1.10)
Check Standard					ge
ORP					

Calibration Form For Rental YSI Unit from Field Environmental

mV Offset	47.00	(0 +/- 100)

	% Saturation	mg/L
Dissolved Oxygen	100.0	9.11
		Acceptable Range
Gain	0.7	(.7 to 1.4)

New DO Membrane: ○ Yes ◉ No

DO Cap Color: ○ Black ◉ Blue ○ Yellow

Model	556-4 MPS
S/N	10L101024
Barcode	U88842X
Cable	110525
Order #	506825

Calibrated By: Parker Holaday

Date of Calibration: 1/11/2023

*Solutions provided by LabChem (412-826-5230)

All calibrations performed by FEI conform to manufacturer's specifications. Please report any issues within 24 hours of receiving equipment.
All calibration solutions used are traceable to NIST. Additional documentation is available upon request.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 10:45 am PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later?** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 47°F

Water Quality Sampling

Sample ID: TOSMI2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: none
Odor: none
Sheen: none
Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.9

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.9

Specific Conductivity (µs/cm) 74.2

Dissolved Oxygen (mg/L) 11.98

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 7:35 PDT: PST:

Base Flow or Storm Event? (Storm)

Field filtered 5 minutes later: Y (N)
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 47°F

Water Quality Sampling

Sample ID: SEIMN2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.25 in (0.60 ft)

Reference Point (description): Measure from bolt

Water Quality Measurments

Temperature (°C) 6.07

Specific Conductivity (µs/cm) 76.0

Dissolved Oxygen (mg/L) 12.33

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 8:10 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 47°F

Water Quality Sampling

Sample ID: COLM2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	N
PAH's	Amber Glass	500 ml	1	None	N

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.79

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 127.1

Dissolved Oxygen (mg/L) 11.81

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 1-12-2023 **Sample Time:** 8:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

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Current Weather and Temp: rain 47°F

Water Quality Sampling

Sample ID: MONMN2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: none
Odor:
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.4

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.0

Specific Conductivity (µs/cm) 123.3

Dissolved Oxygen (mg/L) 11.91

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 9:00 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 47°F

Water Quality Sampling

Sample ID: MONMS2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.7

Reference Point (description): WL indicator

Water Quality Measurments

Temperature (°C) 7.5

Specific Conductivity (µs/cm) 203.9

Dissolved Oxygen (mg/L) 9.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR, LENTH, T. FOLK

Sample Date: 1/12/23 **Sample Time:** 6:35 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N

(Must filter within 15 minutes of collection)

SITE ID: CUOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 46° rain

Water Quality Sampling

Sample ID: CUOMO-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	no
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 RENTED

YSI Pro DSS 2 451 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.37

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.9 C

Specific Conductivity (µs/cm) 83

Dissolved Oxygen (mg/L) 16.87

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH T. FOLK

Sample Date: 1/12/23 **Sample Time:** 6:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: CUOM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 46° RAINING

Water Quality Sampling

Sample ID: CUOM1-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	NO
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 YSI 556 (rental)
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): X

Reference Point (description): BLOCKED BY CONSTRU.

Water Quality Measurments

Temperature (°C) 6.96

Specific Conductivity (µs/cm) 49

Dissolved Oxygen (mg/L) 12.11

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH, T. FOLK

Sample Date: 1-12-23 **Sample Time:** 7:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 46° RAINING

Water Quality Sampling

Sample ID: TOSMO-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: slightly turbid

Color: light brown

Odor: no

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 RENTED

YSI Pro DSS 2 451 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.7

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.00

Specific Conductivity (µs/cm) 76

Dissolved Oxygen (mg/L) 11.37

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH T. FOLK

Sample Date: 1-12-23 **Sample Time:** 7:30 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y / N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 46°

Water Quality Sampling

Sample ID: TYLMO-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: slightly turbid

Color: no

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 RENTED (451 556)

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.62

Reference Point (description): down from culvert

Water Quality Measurments

Temperature (°C) 7.00

Specific Conductivity (µs/cm) 76

Dissolved Oxygen (mg/L) 11.37

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH, T. FOIK

Sample Date: 1/12/23 **Sample Time:** 7:45 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y / N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 46°

Water Quality Sampling

Sample ID: TYLM1-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: NO

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

RENTED YSI 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.42

Reference Point (description): down from top of culvert

Water Quality Measurments

Temperature (°C) 6.00

Specific Conductivity (µs/cm) 80

Dissolved Oxygen (mg/L) 17.68

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR VENTIT, T. FOLK

Sample Date: 1/12/23 **Sample Time:** 8:15 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 4C°

Water Quality Sampling

Sample ID: SEIMS-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	brown turbid
Color:	turbid
Odor:	no
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020) RENTED

YSI Pro DSS 1

YSI Pro DSS 2

451 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.0

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.06

Specific Conductivity (µs/cm) 54

Dissolved Oxygen (mg/L) 12.63

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH T. FOLK

Sample Date: 1/12/23 **Sample Time:** 8:40 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 46° light rain

Water Quality Sampling

Sample ID: MONM-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	slightly turbid
Color:	light brown
Odor:	none
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

RENTED YSI 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.05

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.41

Specific Conductivity (µs/cm) 108

Dissolved Oxygen (mg/L) 11.54

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/12/2023 /All locations, QA129 (COLM), Lab Ref No 2301-084

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	76	**±20**	4	**≤ 25**	NC	**≤ 25**	OK	NO FLAG FOR SLIGHTLY LOW LCS RECOVERY, WITHIN LAB LIMITS
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	4	**≤ 25**	2	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	107, 105	**±25**	102	**±15**	<1 MS 2	**≤ 20**	8	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	5	**≤28**	≤1.0 mg/L 1.0 mg/L	96	**±25**	96	**±15**	1	**≤ 20**	1	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	4	**≤28**	≤0.01 mg/L 0.01 mg/L	91	**±25**	89	**±20**	D=0.005	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	1, 12	**≤28**	≤0.1 mg/L 0.1 mg/L	86-111	**±25**	95-108	**±20**	NC 0-4 D=0-0.03	**≤ 20**	D=0.04 D=0.01	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/12/2023 /All locations, QA129 (COLM), Lab Ref No 2301-084

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	4	**≤180**	≤1.0 µg/L 1.0 µg/L	95, 108	**±25**	NR	**±15**	NC MS 12	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	4	**≤180**	≤5.0 µg/L 5.0 µg/L	96, 109	**±25**	NR	**±15**	NC MS 13	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 91	**±25**	NR	**±15**	NC MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 94	**±25**	NR	**±15**	3 MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	13-28	**≤ 35**	D=7	**≤ 50**	OK	FLAG COLM J DUE TO HIGH FIELD DUPLICATE DIFFERENCE
6PPD-q	OK/ MLA-118	NA	**NA**	27, 28	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	88	**±30**	SURR 45-54	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR = 88-130% CCV = 85%	NO FLAG FOR HOLDING TIME EXCEEDANCE, WITHIN LAB LIMIT OF 35 DAYS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	5, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 68-89	**19-127[3]**	63-99	**25-125[4]**	3-17 D=0-0.02	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 29, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2301-173

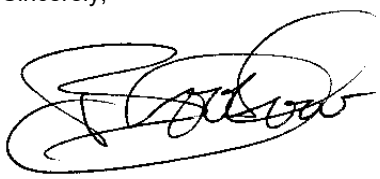
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on January 20, 2023

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

Case Narrative

Samples were collected on January 20, 2023 and received by the laboratory on January 20, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Suspended Solids SM 2540D Analysis

The sample and sample duplicate RPD was outside the control limit. The Spike Blank and Spike Blank Duplicate RPD passed. Both Duplicates are reported.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Total Suspended Solids	**4.8**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Total Suspended Solids	**38**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Total Suspended Solids	**4.6**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Total Suspended Solids	**29**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Total Suspended Solids	**5.4**	1.0	SM 2540D	1-24-23	1-24-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Total Suspended Solids	**6.2**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0124W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-173-03								
	ORIG	DUP							
Total Suspended Solids	**38.4**	**50.6**	NA	NA	NA	NA	27	25	
DUPLICATE									
Laboratory ID:	SB0124W1								
	ORIG	DUP							
Total Suspended Solids	**84.0**	**79.0**	NA	NA	NA	NA	6	25	
SPIKE BLANK									
Laboratory ID:	SB0124W1								
	SB		SB		SB				
Total Suspended Solids	**84.0**		100	NA	84	67-112	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Turbidity	**1.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Turbidity	**1.0**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Turbidity	**2.3**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Turbidity	**1.0**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Turbidity	**2.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Turbidity	**1.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Turbidity	**0.71**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Turbidity	**1.7**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Turbidity	**1.4**	0.10	EPA 180.1	1-20-23	1-20-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Turbidity	**1.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Turbidity	**0.28**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Turbidity	**0.74**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Turbidity	**0.88**	0.10	EPA 180.1	1-20-23	1-20-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0120W1					
Turbidity	**ND**	0.10	EPA 180.1	1-20-23	1-20-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-171-01								
	ORIG	DUP							
Turbidity	**2.49**	**2.56**	NA	NA	NA	NA	3	18	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Hardness	**88**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Hardness	**53**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Hardness	**94**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Hardness	**19**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Hardness	**22**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Hardness	**34**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Hardness	**88**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0124WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-173-11										
	ORIG	DUP									
Hardness	**22.2**	**21.5**	NA		NA	NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	01-173-11										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**158**	**158**	132	132	22.2	103	103	75-125	0	20	
SPIKE BLANK											
Laboratory ID:	SB0124WH2										
	SB		SB			SB					
Hardness	**133**		132		NA	101		85-115	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Dissolved Organic Carbon	**4.0**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Dissolved Organic Carbon	**5.4**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Dissolved Organic Carbon	**7.9**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Dissolved Organic Carbon	**5.3**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Dissolved Organic Carbon	**7.1**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Dissolved Organic Carbon	**5.6**	1.0	SM 5310B	2-3-23	2-3-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Dissolved Organic Carbon	**11**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Dissolved Organic Carbon	**11**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Dissolved Organic Carbon	**4.7**	1.0	SM 5310B	2-3-23	2-3-23	

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Date of Report: March 29, 2023
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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0203D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	2-3-23	2-3-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-173-01								
	ORIG	DUP							
Dissolved Organic Carbon	**5.21**	**5.38**	NA	NA	NA	NA	3	15	
MATRIX SPIKE									
Laboratory ID:	01-173-01								
	MS		MS		MS				
Dissolved Organic Carbon	**15.0**		10.0	5.21	98	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0203D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.64**		10.0	NA	96	88-118	NA	NA	

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Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Total Phosphorus	**0.022**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Total Phosphorus	**0.048**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Total Phosphorus	**0.052**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Total Phosphorus	**0.015**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Total Phosphorus	**0.016**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Total Phosphorus	**0.063**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Total Phosphorus	**0.019**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Total Phosphorus	**0.030**	0.010	EPA 365.1	1-23-23	1-23-23	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Total Phosphorus	**0.016**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Total Phosphorus	**0.015**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Total Phosphorus	**0.023**	0.010	EPA 365.1	1-23-23	1-23-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0123W3					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-23-23	1-23-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-173-01								
	ORIG	DUP							
Total Phosphorus	**0.0219**	**0.0212**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	01-173-01								
	MS		MS		MS				
Total Phosphorus	**0.246**		0.250	0.0219	90	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0123W3								
	SB		SB		SB				
Total Phosphorus	**0.217**		0.250	NA	87	78-110	NA	NA	

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Date of Report: March 29, 2023
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Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Copper	**1.3**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**20**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Copper	**1.4**	1.0	EPA 200.8	1-28-23	2-1-23	
Zinc	**21**	5.0	EPA 200.8	1-28-23	2-1-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Copper	**2.0**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**30**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Copper	**2.1**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**9.2**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Copper	**2.3**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**8.0**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Copper	**1.3**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**8.8**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Copper	**1.6**	1.0	EPA 200.8	1-28-23	2-1-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-1-23	

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Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Copper	**1.4**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**18**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Copper	**2.4**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**44**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Copper	**1.1**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Copper	**ND**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Copper	**ND**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Copper	**1.2**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**20**	5.0	EPA 200.8	1-28-23	2-2-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0128WH2					
Copper	**ND**	1.0	EPA 200.8	1-28-23	2-1-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-1-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-173-07										
	ORIG	DUP									
Copper	**1.56**	**1.58**	NA	NA		NA		NA	2	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	01-173-07										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**106**	**99.0**	100	100	1.56	**104**	**97**	75-125	7	20	
Zinc	**110**	**102**	100	100	ND	**110**	**102**	75-125	7	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Copper	**1.2**	1.0	EPA 200.8		2-2-23	
Zinc	**14**	5.0	EPA 200.8		2-2-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**14**	5.0	EPA 200.8		2-2-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Copper	**1.1**	1.0	EPA 200.8		2-2-23	
Zinc	**12**	5.0	EPA 200.8		2-2-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Copper	**1.8**	1.0	EPA 200.8		2-2-23	
Zinc	**9.3**	5.0	EPA 200.8		2-2-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Copper	**2.0**	1.0	EPA 200.8		2-2-23	
Zinc	**6.6**	5.0	EPA 200.8		2-2-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Copper	**1.3**	1.0	EPA 200.8		2-2-23	
Zinc	**6.9**	5.0	EPA 200.8		2-2-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Copper	**1.2**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**11**	5.0	EPA 200.8		2-2-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Copper	**1.3**	1.0	EPA 200.8		2-2-23	
Zinc	**20**	5.0	EPA 200.8		2-2-23	
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Copper	**1.0**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Copper	**1.1**	1.0	EPA 200.8		2-2-23	
Zinc	**15**	5.0	EPA 200.8		2-2-23	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0125F1					
Copper	**ND**	1.0	EPA 200.8	1-25-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-25-23	2-2-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-215-01										
	ORIG	DUP									
Copper	**7.16**	**7.22**	NA	NA		NA		NA	1	20	
Zinc	**51.4**	**53.6**	NA	NA		NA		NA	4	20	
MATRIX SPIKES											
Laboratory ID:	01-215-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**80.4**	**78.8**	80.0	80.0	7.16	**92**	**90**	75-125	2	20	
Zinc	**130**	**129**	80.0	80.0	51.4	**98**	**97**	75-125	0	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*53*	*20 - 106*				
Pyrene-d10	*71*	*19 - 104*				
Terphenyl-d14	*71*	*41 - 127*				

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Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*88*	*19 - 104*				
Terphenyl-d14	*86*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Naphthalene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*20 - 106*				
Pyrene-d10	*88*	*19 - 104*				
Terphenyl-d14	*86*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*85*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**QA130B-20230120**					
Laboratory ID:	01-173-14					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**0.012**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**0.014**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0124W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*58*	*20 - 106*				
Pyrene-d10	*84*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0124W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.325**	**0.264**	0.500	0.500	65	53	25 - 82	21	39	
Acenaphthylene	**0.372**	**0.312**	0.500	0.500	74	62	35 - 107	18	26	
Acenaphthene	**0.378**	**0.311**	0.500	0.500	76	62	33 - 99	19	26	
Fluorene	**0.396**	**0.332**	0.500	0.500	79	66	43 - 95	18	24	
Phenanthrene	**0.404**	**0.341**	0.500	0.500	81	68	49 - 100	17	20	
Anthracene	**0.387**	**0.332**	0.500	0.500	77	66	47 - 101	15	21	
Fluoranthene	**0.416**	**0.372**	0.500	0.500	83	74	51 - 115	11	23	
Pyrene	**0.406**	**0.365**	0.500	0.500	81	73	53 - 117	11	24	
Benzo[a]anthracene	**0.368**	**0.343**	0.500	0.500	74	69	57 - 114	7	21	
Chrysene	**0.421**	**0.385**	0.500	0.500	84	77	55 - 119	9	21	
Benzo[b]fluoranthene	**0.398**	**0.369**	0.500	0.500	80	74	56 - 125	8	26	
Benzo(j,k)fluoranthene	**0.428**	**0.395**	0.500	0.500	86	79	53 - 124	8	22	
Benzo[a]pyrene	**0.383**	**0.351**	0.500	0.500	77	70	54 - 119	9	22	
Indeno(1,2,3-c,d)pyrene	**0.427**	**0.390**	0.500	0.500	85	78	55 - 118	9	23	
Dibenz[a,h]anthracene	**0.426**	**0.395**	0.500	0.500	85	79	56 - 118	8	23	
Benzo[g,h,i]perylene	**0.407**	**0.376**	0.500	0.500	81	75	55 - 117	8	22	
Surrogate:										
2-Fluorobiphenyl					*60*	*55*	*20 - 106*			
Pyrene-d10					*80*	*76*	*19 - 104*			
Terphenyl-d14					*77*	*73*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Feb 16 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20220120	Water	23-A001180	Micro, NUT
COUMI-20220120	Water	23-A001181	Micro, NUT
TOSMO-20220120	Water	23-A001182	Micro, NUT
TYLMO-20220120	Water	23-A001183	Micro, NUT
TYLMI-20220120	Water	23-A001184	Micro, NUT
MONMN-20220120	Water	23-A001185	Micro, NUT
MONMS-20220120	Water	23-A001186	Micro, NUT
MONM-20220120	Water	23-A001187	Micro, NUT
TOSMI-20220120	Water	23-A001188	Micro, NUT
SEIMS-20220120	Water	23-A001189	Micro, NUT
COLM-20220120	Water	23-A001190	Micro, NUT
SEIMN-20220120	Water	23-A001191	Micro, NUT
QA130-20220120	Water	23-A001192	Micro, NUT

Your samples were received on Friday, January 20, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2327900
PO Number: 01-173

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2327900
Project #: 14-05806-000
PO Number: 01-173
All results reported on an as received basis.

Date Received: 01/20/23
Date Reported: 2/16/23

AMTEST Identification Number **23-A001180**
Client Identification **COUMO-20220120**
Sampling Date **01/20/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	110	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.81	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.400	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.412	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001181**
Client Identification **COUMI-20220120**
Sampling Date **01/20/23, 08:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	12.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.65	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.334	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.319	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001182**
Client Identification **TOSMO-20220120**
Sampling Date **01/20/23, 09:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	47.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.85	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.387	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.464	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001183**
Client Identification **TYLMO-20220120**
Sampling Date **01/20/23, 10:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	19.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.372	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.402	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001184**
Client Identification **TYLMI-20220120**
Sampling Date **01/20/23, 10:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	7.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.486	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.271	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001185**
Client Identification **MONMN-20220120**
Sampling Date **01/20/23, 10:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.67	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.374	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.297	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001186**
Client Identification **MONMS-20220120**
Sampling Date **01/20/23, 11:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.98	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.540	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.444	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001187**
Client Identification **MONM-20220120**
Sampling Date **01/20/23, 11:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	5.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.422	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.336	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001188**
Client Identification **TOSMI-20220120**
Sampling Date **01/20/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	65.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.93	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.357	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.573	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001189**
Client Identification **SEIMS-20220120**
Sampling Date **01/20/23, 09:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	29.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.69	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.429	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.261	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001190**
Client Identification **COLM-20220120**
Sampling Date **01/20/23, 10:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.50	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.466	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.032	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001191**
Client Identification **SEIMN-20220120**
Sampling Date **01/20/23, 11:05**

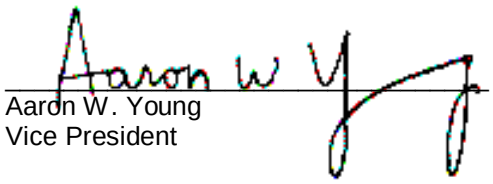
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.73	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.584	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.142	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001192**
Client Identification **QA130-20220120**
Sampling Date **01/20/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	70.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.88	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.434	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.442	mg/l		0.02	SM4500NO3	MD	01/30/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A001180 to 23-A001192

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A001131	Fecal Coliform	CFU/100 ml	< 1	< 1	
23-A001180	Fecal Coliform	CFU/100 ml	110	120	8.7
23-A001182	Total Nitrogen (TKN)	mg/l	0.387	0.400	3.3
23-A001242	Total Nitrogen (TKN)	mg/l	15.7	16.2	3.1
23-A001295	Total Nitrogen (TKN)	mg/l	46.8	46.3	1.1
23-A001455	Total Nitrogen (TKN)	mg/l	0.749	0.796	6.1
23-A001501	Total Nitrogen (TKN)	mg/l	6.65	6.74	1.3
23-A001518	Total Nitrogen (TKN)	mg/l	40.0	39.9	0.25
23-A001528	Total Nitrogen (TKN)	mg/l	45.1	45.6	1.1
23-A001112	Total Nitrate + Nitrite	mg/l	0.470	0.470	0.00
23-A001181	Total Nitrate + Nitrite	mg/l	0.319	0.326	2.2
23-A001191	Total Nitrate + Nitrite	mg/l	0.142	0.140	1.4
23-A001384	Total Nitrate + Nitrite	mg/l	0.803	0.800	0.37
23-A001455	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A001182	Total Nitrogen (TKN)	mg/l	0.387	2.60	2.00	110.65 %
23-A001192	Total Nitrogen (TKN)	mg/l	0.434	2.53	2.00	104.80 %
23-A001192	Total Nitrogen (TKN)	mg/l	0.434	2.76	2.00	116.30 %
23-A001242	Total Nitrogen (TKN)	mg/l	15.7	67.3	50.0	103.20 %
23-A001295	Total Nitrogen (TKN)	mg/l	46.8	92.5	50.0	91.40 %
23-A001455	Total Nitrogen (TKN)	mg/l	0.749	6.51	5.00	115.22 %
23-A001518	Total Nitrogen (TKN)	mg/l	40.0	95.9	50.0	111.80 %
23-A001528	Total Nitrogen (TKN)	mg/l	45.1	100.	50.0	109.80 %
23-A001112	Total Nitrate + Nitrite	mg/l	0.470	1.38	1.00	91.00 %
23-A001181	Total Nitrate + Nitrite	mg/l	0.319	1.27	1.00	95.10 %
23-A001191	Total Nitrate + Nitrite	mg/l	0.142	1.12	1.00	97.80 %
23-A001384	Total Nitrate + Nitrite	mg/l	0.803	1.77	1.00	96.70 %
23-A001455	Total Nitrate + Nitrite	mg/l	< 0.02	0.905	1.00	90.50 %

QC Summary for sample numbers: 23-A001180 to 23-A001192...

MATRIX SPIKE DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE + SPK	MSD VALUE	RPD
Spike	Total Nitrogen (TKN)	mg/l	2.53	2.76	8.7

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	1.11	111. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.11	111. %
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrate + Nitrite	mg/l	1.00	0.962	96.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.962	96.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.964	96.4 %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-173

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20220120 1180	1/20/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20220120 1181	1/20/23	8:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20220120 1182	1/20/23	9:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20220120 1183	1/20/23	10:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20220120 1184	1/20/23	10:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20220120 1185	1/20/23	10:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20220120 1186	1/20/23	11:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20220120 1187	1/20/23	11:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20220120 1188	1/20/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMS-20220120 1189	1/20/23	9:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/20/23	2:15 pm	
Received by: KL	AmTest	1/20/23	14:15	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=6.5°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20220120 1190	1/20/23	10:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMN-20220120 1191	1/20/23	11:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA130-20230120 1192	1/20/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	1/20/23	2:15 pm	
Received by:	KL	AmTest	1/20/23	14:15	**EDDs - CSV**
Relinquished by:					**Reporting Limits:**
Received by:					**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:					**Total Nitrogen - .10 mg/L**
Received by:					

6.5°C

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84161	***Date:*** 28-Mar-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38809-1	COUMO-20230120
L38809-2	COUMI-20230120
L38809-3	TOSMO-20230120
L38809-4	TOSMI-20230120
L38809-5	QA130B-20230120

Blank: WG84161-101

Reference or Spike: WG84161-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID: WG84161-101) was below the method nominal limit and was flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for a labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-173

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other: _____

Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230120 L38809-1	1/20/23	8:05	W	2	6PPD-q
	COUMI-20230120 -2	1/20/23	8:35	W	2	6PPD-q
	TOSMO-20230120 -3	1/20/23	9:40	W	2	6PPD-q
	TOSMI-20230120 -4	1/20/23	8:05	W	2	6PPD-q
	QA130B-20230120 -5	1/20/23	8:05	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/31/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: (14)	SGS - AXYS	03-Feb-23	12:00	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-1
Matrix:	AQUEOUS	**Sample Size:**	0.492 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:20:38	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 35**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		2.07	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-1_Form1A_AO3O_060S35_SJ3217479.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38809-1
Sample Receipt Date:	03-Feb-2023	**Sample Size:**	0.492 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 16:20:38	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 35**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.1	67.3	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-1_Form2_AO3O_060S35_SJ3217479.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230120
Sample Collection:
20-Jan-2023 08:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-2
Matrix:	AQUEOUS	**Sample Size:**	0.424 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:35:54	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		0.569	0.118 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-2_Form1A_AO3O_060S36_SJ3217480.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230120
Sample Collection:
20-Jan-2023 08:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-2
Matrix:	AQUEOUS	**Sample Size:**	0.424 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:35:54	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	29.5	60.0	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-2_Form2_AO3O_060S36_SJ3217480.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230120
Sample Collection:
20-Jan-2023 09:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-3
Matrix:	AQUEOUS	**Sample Size:**	0.469 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:51:09	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 37**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.34	0.107 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-3_Form1A_AO3O_060S37_SJ3217481.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230120
Sample Collection:
20-Jan-2023 09:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-3
Matrix:	AQUEOUS	**Sample Size:**	0.469 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:51:09	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 37**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.0	69.1	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-3_Form2_AO3O_060S37_SJ3217481.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-4
Matrix:	AQUEOUS	**Sample Size:**	0.381 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 17:06:24	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 38**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.49	0.131 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-4_Form1A_AO3O_060S38_SJ3217482.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38809-4
Sample Receipt Date:	03-Feb-2023	**Sample Size:**	0.381 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 17:06:24	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 38**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.6	70.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-4_Form2_AO3O_060S38_SJ3217482.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA130B-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-5
Matrix:	AQUEOUS	**Sample Size:**	0.449 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 17:21:38	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 39**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.85	0.111 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-5_Form1A_AO3O_060S39_SJ3217483.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA130B-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38809-5
Sample Receipt Date:	03-Feb-2023	**Sample Size:**	0.449 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 17:21:38	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 39**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.0	67.2	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-5_Form2_AO3O_060S39_SJ3217483.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND H		0.647 (S)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form1A_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	1.43	2.91	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form2_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.41	88.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8A_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	36.0	73.2	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8B_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.26	85.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4A_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	49.1	99.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4B_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																			
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y									
OC Pesticides		EPA 625	MLA-007																										Y									
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																													
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																													
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Beta-HCH	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y														Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																			Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																										Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y													Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y													Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Delta-HCH	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Dieldrin	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endosulphan I	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endosulphan II	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endrin	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																									Y	Y				Y				
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																												
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																		
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y							Y																		
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids													Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Fluorene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Naphthalene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																					Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y									Y						Y						Y							
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																					Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y									Y						Y						Y							
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																					
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y										

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																				
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																				Y					

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				Serum	Solids												Tissue and Tissue Flora												Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																				
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y											Y										
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y											Y										
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																					
PCDDF		EPA 8290	MLA-017																																					
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																			
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y				Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y			Y				Y	Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y									Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y			Y		Y	Y	Y	Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y			Y					Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y			Y					Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y			Y			Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y			Y			Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																				Y				Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																					Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																					Y						

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 01-173

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0120	1/20/23	8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0120		8:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0120		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0120		10:10	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0120		10:30	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0120		10:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0120		11:20	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0120		11:35	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0120		8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0120		9:10	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0120		10:00	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0120		11:05	Water	7	X	X	X	X	X	X	X	X	X		
13	QA130-20230120		8:05	Water	7	X	X	X	X	X	X	X	X	X		
14	QA130B-20230120		[illegible]	" "	4										X	X

Relinquished by David Garcia Date 1/20/23 Received by [signature] Date 1/20/23
Firm Herrera Time 12:05 Firm OSE Time 1211
Relinquished by [signature] Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 01-173

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2022 0120	1/20/23	8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2022 0120		8:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2022 0120		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2022 0120		10:10	Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2022 0120		10:30	Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2022 0120		10:50	Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2022 0120		11:20	Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2022 0120		11:35	Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2022 0120		8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2022 0120		9:20	Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2022 0120		10:00	Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2022 0120		11:05	Water	7	X	X	X	X	X	X	X	X	X		
	QA130-20230120		8:05	Water	7	X	X	X	X	X	X	X	X	X		
	QA130B-20230120		[illegible]	" "	4										X	X

Relinquished by David Garcia Date 1/20/23 Received by [signature] 8:05 Date 1/20/23

Firm Herrera Time 12:05 Firm OSE Time 1211

Relinquished by [signature] Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D Garcia
Meter:	For DSI #1
Date/Time:	1/19/23 17:00
Barometric Pressure Start of Day:	mmHg: 778.1 Time: 17:00
Barometric Pressure End of Day:	mmHg: 779.2 Time: 11:58

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.0	0	21.7	
Conductivity (µS/cm)	1003.2	1,000	22.0	
Conductivity (µS/cm)	104	100	22.1	
DO % Saturation	102	100	22.1	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)		0		
Conductivity (µS/cm)		100		
DO % Saturation		100		

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D Gregg
Meter:	Pro DSS # 2
Date/Time:	1/19/23 17:05
Barometric Pressure Start of Day:	mmHg: 775.7 Time: 17:05
Barometric Pressure End of Day:	mmHg: 779.4 Time: 11:38

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.5	0	21.4	
Conductivity (µS/cm)	997	1,000	21.9	
Conductivity (µS/cm)	102.4	100	21.9	
DO % Saturation	99.9	100	21.8	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)		0		
Conductivity (µS/cm)		100		
DO % Saturation		100		

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 8:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: EVO- CUOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Partly cloudy ; 34 F

Water Quality Sampling

Sample ID: CUOMO-2023 0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Yes
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA-130-2023 0120

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.41

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.5

Specific Conductivity (µs/cm) 216.0

Dissolved Oxygen (mg/L) 12.73

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 8:35 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: CUOM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Partly cloudy & 36°F

Water Quality Sampling

Sample ID: CUOM1

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): Not accessible

Reference Point (description):

Water Quality Measurments

Temperature (°C) 5.2 °C

Specific Conductivity (µs/cm) 218.2

Dissolved Oxygen (mg/L) 13.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 9:40 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear ; 40

Water Quality Sampling

Sample ID: TOSMO

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.58

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.9 °C

Specific Conductivity (µs/cm) 225.6

Dissolved Oxygen (mg/L) 13.27

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 10:10 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Clear Sunny; 40°F

Water Quality Sampling

Sample ID: TYLMO

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.85

Reference Point (description): Culvert

Water Quality Measurments

Temperature (°C) 4.3

Specific Conductivity (µs/cm) 147.9

Dissolved Oxygen (mg/L) 13.36

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG GP

Sample Date: 1/20/23 **Sample Time:** 10:30 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y (N)
(Must filter within 15 minutes of collection)

SITE ID: TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear ; 40

Water Quality Sampling

Sample ID: TYLMI

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:
Color:
Odor:
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- X YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.4

Reference Point (description): Culvert

Water Quality Measurments

Temperature (°C) 4.0 °C

Specific Conductivity (µs/cm) 126.5

Dissolved Oxygen (mg/L) 12.78

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 11:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear & 40°F

Water Quality Sampling

Sample ID: SEIMS

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): could not locate SG

Reference Point (description):

Water Quality Measurments

Temperature (°C) 4.4 °C

Specific Conductivity (µs/cm) ~~XX~~ 86.3

Dissolved Oxygen (mg/L) 12.93

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 11:35 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear & 49 F

Water Quality Sampling

Sample ID: MONM

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- X YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description):

Water Quality Measurments

Temperature (°C) 5.1

Specific Conductivity (µs/cm) 180.7

Dissolved Oxygen (mg/L) 13.21

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: KZ. CS

Sample Date: 01/20/23 **Sample Time:** 8:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Cloudy

Water Quality Sampling

Sample ID: TOSM1-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	Y
PAH's	Amber Glass	500 ml	1	None	Y

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.17

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.3°C

Specific Conductivity (µs/cm) 234.5 ms/cm

Dissolved Oxygen (mg/L) 12.65 mg/L

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/2023 **Sample Time:** 9:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly sunny, 40°

Water Quality Sampling

Sample ID: SEIMN-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Yellowish
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.56

Reference Point (description): SG1

Water Quality Measurments

Temperature (°C) 5.2

Specific Conductivity (µs/cm) 65.9

Dissolved Oxygen (mg/L) 13.22

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/23 **Sample Time:** 10:00 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly Sunny, 40°

Water Quality Sampling

Sample ID: COLM-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.85

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.5

Specific Conductivity (µs/cm) 127.9

Dissolved Oxygen (mg/L) 12.63

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/2023 **Sample Time:** 10:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 42°

Water Quality Sampling

Sample ID: MONMN-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.33

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.9

Specific Conductivity (µs/cm) 158.2

Dissolved Oxygen (mg/L) 12.64

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/23 **Sample Time:** 11:20 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny

Water Quality Sampling

Sample ID: MONMS - 2023 - 0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

~~YSI Pro DSS 1~~

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.72

Reference Point (description): water level indicator

Water Quality Measurments

Temperature (°C) 5.7

Specific Conductivity (µs/cm) 254.6

Dissolved Oxygen (mg/L) 10.14

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/20/2023 /All locations, QA130 (COUMO) Lab Ref No 2301-173

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	4	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	84	**±20**	27, 6	**≤ 25**	NC	**≤ 25**	OK	NO FLAG FOR SLIGHT LAB DUPE EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	3	**≤ 25**	22	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	103, 103	**±25**	101	**±15**	3 MS <1	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	14	**≤28**	≤1.0 mg/L 1.0 mg/L	98	**±25**	96	**±15**	3	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	3	**≤28**	≤0.01 mg/L 0.01 mg/L	90	**±25**	87	**±20**	D=0.001	**≤ 20**	D=0.001	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	10, 14	**≤28**	≤0.1 mg/L 0.1 mg/L	91-116	**±25**	96-111	**±20**	<1-3 D=0.01-0.05	**≤ 20**	7 D=0.03	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/20/2023 /All locations, QA130 (COUMO) Lab Ref No 2301-173

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	104, 97	**±25**	NR	**±15**	D=0.02 MS 7	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	110, 102	**±25**	NR	**±15**	NC MS 7	**≤ 20**	D=0	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	13	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 90	**±25**	NR	**±15**	1 MS 2	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	13	**≤180**	≤5.0 µg/L 5.0 µg/L	98, 97	**±25**	NR	**±15**	4 MS <1	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC, 9	**≤ 35**	44	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	19, 28	**≤14[2], ≤28**	≤0.65 ng/mL 0.1 ng/mL	88	**±30**	SURR 60-70	**30-150[3]**	NR	**<40**	80	**<50**	OK ICR = 88-130% CCV =85%	FLAG COUMO J DUE TO FIELD DUPE EXCEEDANCE. NO FLAG FOR HOLDING TIME, WITHIN 35 DAY LAB LIMIT.
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 53-88	**19-127[3]**	53-86	**25-125[4]**	7-9, D=0.04-0.07	**<21-39[4]**	D=0.002, D=0.004	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 30, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2302-068

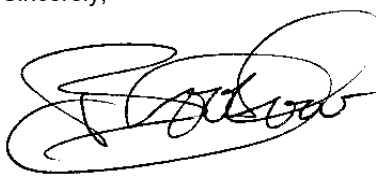
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on February 7, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

Case Narrative

Samples were collected on February 7, 2023 and received by the laboratory on February 7, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

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Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Total Suspended Solids	**5.0**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Total Suspended Solids	**6.2**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Total Suspended Solids	**9.6**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Total Suspended Solids	**4.4**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Total Suspended Solids	**14**	1.0	SM 2540D	2-8-23	2-8-23	

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Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Total Suspended Solids	**5.2**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Total Suspended Solids	**6.0**	1.0	SM 2540D	2-8-23	2-8-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	

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Laboratory Reference: 2302-068
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0208W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	2-8-23	2-8-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	02-068-11								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB0208W1								
	SB		SB		SB				
Total Suspended Solids	**90.0**		100	NA	90	67-112	NA	NA	

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Laboratory Reference: 2302-068
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Turbidity	**2.8**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Turbidity	**3.1**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Turbidity	**2.5**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Turbidity	**2.4**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Turbidity	**2.4**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Turbidity	**0.95**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Turbidity	**1.8**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Turbidity	**1.3**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Turbidity	**5.0**	0.10	EPA 180.1	2-8-23	2-8-23	

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Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Turbidity	**1.6**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Turbidity	**0.35**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Turbidity	**2.6**	0.10	EPA 180.1	2-8-23	2-8-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Turbidity	**0.37**	0.10	EPA 180.1	2-8-23	2-8-23	

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Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0208W1					
Turbidity	**ND**	0.10	EPA 180.1	2-8-23	2-8-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	02-068-01								
	ORIG	DUP							
Turbidity	**2.75**	**2.76**	NA	NA	NA	NA	0	18	

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Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Hardness	**75**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Hardness	**61**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	

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Date of Report: May 30, 2023
Samples Submitted: February 7, 2023
Laboratory Reference: 2302-068
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Hardness	**83**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Hardness	**140**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Hardness	**27**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Hardness	**20**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Hardness	**46**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Hardness	**19**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	

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Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0210WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	2-10-23	2-10-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-068-12										
	ORIG	DUP									
Hardness	**46.1**	**47.3**	NA		NA	NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	02-068-12										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**195**	**193**	132	132	46.1	113	111	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB0219WH2										
	SB		SB			SB					
Hardness	**144**		132		NA	109		85-115	NA	NA	

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Date of Report: May 30, 2023
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Laboratory Reference: 2302-068
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Dissolved Organic Carbon	**3.6**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Dissolved Organic Carbon	**4.2**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Dissolved Organic Carbon	**3.0**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Dissolved Organic Carbon	**4.4**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Dissolved Organic Carbon	**6.3**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Dissolved Organic Carbon	**3.6**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Dissolved Organic Carbon	**5.3**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Dissolved Organic Carbon	**3.7**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	2-9-23	2-9-23	

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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Dissolved Organic Carbon	**7.8**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Dissolved Organic Carbon	**9.2**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	2-9-23	2-9-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Dissolved Organic Carbon	**8.9**	1.0	SM 5310B	2-9-23	2-9-23	

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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0209D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	2-9-23	2-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	02-068-01								
	ORIG	DUP							
Dissolved Organic Carbon	**3.55**	**3.61**	NA	NA	NA	NA	2	15	
MATRIX SPIKE									
Laboratory ID:	02-068-01								
	MS		MS		MS				
Dissolved Organic Carbon	**13.8**		10.0	3.55	103	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0209D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.19**		10.0	NA	92	88-118	NA	NA	

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Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Total Phosphorus	**0.037**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Total Phosphorus	**0.083**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Total Phosphorus	**0.042**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Total Phosphorus	**0.028**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Total Phosphorus	**0.38**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Total Phosphorus	**0.018**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Total Phosphorus	**0.019**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Total Phosphorus	**0.024**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Total Phosphorus	**0.062**	0.010	EPA 365.1	2-13-23	2-13-23	

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Laboratory Reference: 2302-068
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Total Phosphorus	**0.021**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Total Phosphorus	**0.026**	0.010	EPA 365.1	2-13-23	2-13-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Total Phosphorus	**ND**	0.010	EPA 365.1	2-13-23	2-13-23	

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Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0213W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	2-13-23	2-13-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	02-068-01								
	ORIG	DUP							
Total Phosphorus	**0.0372**	**0.0364**	NA	NA	NA	NA	2	20	
MATRIX SPIKE									
Laboratory ID:	02-068-01								
	MS		MS		MS				
Total Phosphorus	**0.267**		0.250	0.0372	92	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0213W1								
	SB		SB		SB				
Total Phosphorus	**0.230**		0.250	NA	92	78-110	NA	NA	

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Date of Report: May 30, 2023
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Laboratory Reference: 2302-068
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Copper	**1.2**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**17**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Copper	**1.0**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**16**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Copper	**1.2**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**13**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Copper	**2.1**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**12**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Copper	**2.6**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**17**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Copper	**1.2**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**6.2**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Copper	**1.5**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**ND**	5.0	EPA 200.8	2-13-23	2-13-23	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Copper	**1.0**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**10**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Copper	**4.2**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**66**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Copper	**1.3**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**ND**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Copper	**ND**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**ND**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Copper	**ND**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**ND**	5.0	EPA 200.8	2-13-23	2-13-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Copper	**ND**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**ND**	5.0	EPA 200.8	2-13-23	2-13-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0213WH2					
Copper	**ND**	1.0	EPA 200.8	2-13-23	2-13-23	
Zinc	**ND**	5.0	EPA 200.8	2-13-23	2-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-068-11										
	ORIG	DUP									
Copper	**ND**	**1.05**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	02-068-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**99.6**	**93.2**	100	100	ND	**100**	**93**	75-125	7	20	
Zinc	**100**	**95.4**	100	100	ND	**100**	**95**	75-125	5	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**15**	5.0	EPA 200.8		2-13-23	
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**10**	5.0	EPA 200.8		2-13-23	
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**10**	5.0	EPA 200.8		2-13-23	
Client ID:	**TYLMO-20230207**					
Laboratory ID:	02-068-04					
Copper	**1.8**	1.0	EPA 200.8		2-13-23	
Zinc	**10**	5.0	EPA 200.8		2-13-23	
Client ID:	**TYLMI-20230207**					
Laboratory ID:	02-068-05					
Copper	**2.1**	1.0	EPA 200.8		2-13-23	
Zinc	**10**	5.0	EPA 200.8		2-13-23	
Client ID:	**MONMN-20230207**					
Laboratory ID:	02-068-06					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	
Client ID:	**MONMS-20230207**					
Laboratory ID:	02-068-07					
Copper	**1.2**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230207**					
Laboratory ID:	02-068-08					
Copper	**1.0**	1.0	EPA 200.8		2-13-23	
Zinc	**10**	5.0	EPA 200.8		2-13-23	
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Copper	**1.1**	1.0	EPA 200.8		2-13-23	
Zinc	**18**	5.0	EPA 200.8		2-13-23	
Client ID:	**SEIMN-20230207**					
Laboratory ID:	02-068-10					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	
Client ID:	**COLM-20230207**					
Laboratory ID:	02-068-11					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	
Client ID:	**SEIMS-20230207**					
Laboratory ID:	02-068-12					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	
Client ID:	**QA131-20230207**					
Laboratory ID:	02-068-13					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0213D1					
Copper	**ND**	1.0	EPA 200.8		2-13-23	
Zinc	**ND**	5.0	EPA 200.8		2-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-068-13										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	02-068-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**78.2**	**82.6**	80.0	80.0	ND	**98**	**103**	75-125	5	20	
Zinc	**87.8**	**96.0**	80.0	80.0	ND	**110**	**120**	75-125	9	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230207**					
Laboratory ID:	02-068-01					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Fluorene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Anthracene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Pyrene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*65*	*20 - 106*				
Pyrene-d10	*73*	*19 - 104*				
Terphenyl-d14	*84*	*41 - 127*				

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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230207**					
Laboratory ID:	02-068-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*81*	*19 - 104*				
Terphenyl-d14	*94*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230207**					
Laboratory ID:	02-068-03					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	2-10-23	2-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*63*	*20 - 106*				
Pyrene-d10	*75*	*19 - 104*				
Terphenyl-d14	*86*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230207**					
Laboratory ID:	02-068-09					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Fluorene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Anthracene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Pyrene	**ND**	0.096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	2-10-23	2-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*61*	*20 - 106*				
Pyrene-d10	*77*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0210W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	2-10-23	2-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*69*	*20 - 106*				
Pyrene-d10	*83*	*19 - 104*				
Terphenyl-d14	*93*	*41 - 127*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0210W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.368**	**0.272**	0.500	0.500	74	54	25 - 82	30	39	
Acenaphthylene	**0.400**	**0.378**	0.500	0.500	80	76	35 - 107	6	26	
Acenaphthene	**0.398**	**0.379**	0.500	0.500	80	76	33 - 99	5	26	
Fluorene	**0.411**	**0.421**	0.500	0.500	82	84	43 - 95	2	24	
Phenanthrene	**0.431**	**0.453**	0.500	0.500	86	91	49 - 100	5	20	
Anthracene	**0.408**	**0.426**	0.500	0.500	82	85	47 - 101	4	21	
Fluoranthene	**0.456**	**0.473**	0.500	0.500	91	95	51 - 115	4	23	
Pyrene	**0.450**	**0.467**	0.500	0.500	90	93	53 - 117	4	24	
Benzo[a]anthracene	**0.410**	**0.426**	0.500	0.500	82	85	57 - 114	4	21	
Chrysene	**0.466**	**0.499**	0.500	0.500	93	100	55 - 119	7	21	
Benzo[b]fluoranthene	**0.462**	**0.507**	0.500	0.500	92	101	56 - 125	9	26	
Benzo(j,k)fluoranthene	**0.493**	**0.498**	0.500	0.500	99	100	53 - 124	1	22	
Benzo[a]pyrene	**0.456**	**0.476**	0.500	0.500	91	95	54 - 119	4	22	
Indeno(1,2,3-c,d)pyrene	**0.486**	**0.492**	0.500	0.500	97	98	55 - 118	1	23	
Dibenz[a,h]anthracene	**0.484**	**0.514**	0.500	0.500	97	103	56 - 118	6	23	
Benzo[g,h,i]perylene	**0.465**	**0.497**	0.500	0.500	93	99	55 - 117	7	22	
Surrogate:										
2-Fluorobiphenyl					*68*	*60*	*20 - 106*			
Pyrene-d10					*85*	*89*	*19 - 104*			
Terphenyl-d14					*98*	*104*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Feb 27 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230207	Water	23-A002313	Micro, NUT
COUMI-20230207	Water	23-A002314	Micro, NUT
TOSMO-20230207	Water	23-A002315	Micro, NUT
TYLMO-20230207	Water	23-A002316	Micro, NUT
TYLMI-20230207	Water	23-A002317	Micro, NUT
MONMN-20230207	Water	23-A002318	Micro, NUT
MONMS-20230207	Water	23-A002319	Micro, NUT
MONM-20230207	Water	23-A002320	Micro, NUT
TOSMI-20230207	Water	23-A002321	Micro, NUT
SEIMN-20230207	Water	23-A002322	Micro, NUT
COLM-20230207	Water	23-A002323	Micro, NUT
SEIMS-20230207	Water	23-A002324	Micro, NUT
QA131-20230207	Water	23-A002325	Micro, NUT

Your samples were received on Tuesday, February 7, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

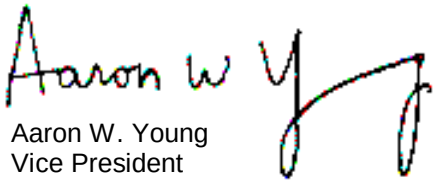
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2328160
PO Number: 02-068

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
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(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2328160
Project #: 14-05806-000
PO Number: 02-068
All results reported on an as received basis.

Date Received: 02/07/23
Date Reported: 2/27/23

AMTEST Identification Number **23-A002313**
Client Identification **COUMO-20230207**
Sampling Date **02/07/23, 09:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	14.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.46	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	KO	02/15/23
Total Nitrate + Nitrite	0.458	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002314**
Client Identification **COUMI-20230207**
Sampling Date **02/07/23, 10:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	20.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.89	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.607	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.284	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002315**
Client Identification **TOSMO-20230207**
Sampling Date **02/07/23, 09:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	26.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.96	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.378	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.583	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002316**
Client Identification **TYLMO-20230207**
Sampling Date **02/07/23, 10:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	10.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.96	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.526	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.429	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002317**
Client Identification **TYLMI-20230207**
Sampling Date **02/07/23, 11:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	18.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.97	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.630	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.339	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002318**
Client Identification **MONMN-20230207**
Sampling Date **02/07/23, 11:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	14.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.71	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.492	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.218	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002319**
Client Identification **MONMS-20230207**
Sampling Date **02/07/23, 11:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	20.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.96	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.517	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.443	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002320**
Client Identification **MONM-20230207**
Sampling Date **02/07/23, 11:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.80	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.457	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.345	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002321**
Client Identification **TOSMI-20230207**
Sampling Date **02/07/23, 09:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	22.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	1.37	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.406	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.968	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002322**
Client Identification **SEIMN-20230207**
Sampling Date **02/07/23, 10:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	< 0.2	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.143	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002323**
Client Identification **COLM-20230207**
Sampling Date **02/07/23, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.63	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.586	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.042	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002324**
Client Identification **SEIMS-20230207**
Sampling Date **02/07/23, 11:30**

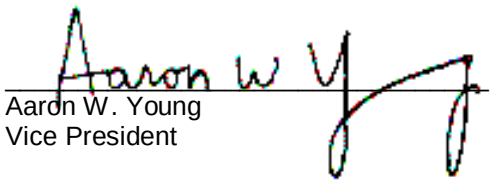
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	5.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.538	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.219	mg/l		0.02	SM4500NO3	KO	02/13/23

AMTEST Identification Number **23-A002325**
Client Identification **QA131-20230207**
Sampling Date **02/07/23, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3.	CFU/100 ml		1	SM 9222D	OB	02/08/23
Total Nitrogen (NOX&TKN)	0.54	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.493	mg/l		0.3	SM4500N	KO	02/23/23
Total Nitrate + Nitrite	0.042	mg/l		0.02	SM4500NO3	KO	02/13/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
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Professional Analytical Services

QC Summary for sample numbers: 23-A002313 to 23-A002325

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A002277	Fecal Coliform	CFU/100 ml	900	900	0.00
23-A002320	Fecal Coliform	CFU/100 ml	1.	8.	160
23-A001921	Total Nitrogen (TKN)	mg/l	16.3	16.6	1.8
23-A001931	Total Nitrogen (TKN)	mg/l	0.464	0.412	12.
23-A002075	Total Nitrogen (TKN)	mg/l	7.41	8.48	13.
23-A002088	Total Nitrogen (TKN)	mg/l	2.14	2.19	2.3
23-A002246	Total Nitrogen (TKN)	mg/l	43.4	43.4	0.00
23-A002300	Total Nitrogen (TKN)	mg/l	11.5	11.6	0.87
23-A002313	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A002322	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A002341	Total Nitrogen (TKN)	mg/l	92.4	93.1	0.75
23-A002422	Total Nitrogen (TKN)	mg/l	26.2	26.2	0.00
23-A002442	Total Nitrogen (TKN)	mg/l	19.3	18.8	2.6
23-A002453	Total Nitrogen (TKN)	mg/l	5.85	5.65	3.5
23-A002670	Total Nitrogen (TKN)	mg/l	63.0	69.2	9.4
23-A002680	Total Nitrogen (TKN)	mg/l	43.7	47.3	7.9
23-A002825	Total Nitrogen (TKN)	mg/l	0.496	0.530	6.6
23-A001898	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A001946	Total Nitrate + Nitrite	mg/l	1.01	1.02	0.99
23-A002036	Total Nitrate + Nitrite	mg/l	0.055	0.055	0.00
23-A002055	Total Nitrate + Nitrite	mg/l	0.536	0.566	5.4
23-A002156	Total Nitrate + Nitrite	mg/l	2.44	2.34	4.2
23-A002268	Total Nitrate + Nitrite	mg/l	4.24	4.23	0.24
23-A002291	Total Nitrate + Nitrite	mg/l	0.385	0.387	0.52
23-A002301	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A002320	Total Nitrate + Nitrite	mg/l	0.345	0.344	0.29

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A001921	Total Nitrogen (TKN)	mg/l	16.3	43.2	25.0	107.60 %
23-A001931	Total Nitrogen (TKN)	mg/l	0.464	2.64	2.00	108.80 %
23-A002075	Total Nitrogen (TKN)	mg/l	7.41	45.0	40.0	93.98 %
23-A002088	Total Nitrogen (TKN)	mg/l	2.14	4.50	2.00	118.00 %
23-A002246	Total Nitrogen (TKN)	mg/l	43.4	71.0	25.0	110.40 %
23-A002300	Total Nitrogen (TKN)	mg/l	11.5	38.4	25.0	107.60 %
23-A002313	Total Nitrogen (TKN)	mg/l	0.286	2.50	2.00	110.70 %
23-A002322	Total Nitrogen (TKN)	mg/l	< 0.3	2.15	2.00	107.50 %
23-A002341	Total Nitrogen (TKN)	mg/l	92.4	142.	50.0	99.20 %
23-A002422	Total Nitrogen (TKN)	mg/l	26.2	49.5	25.0	93.20 %
23-A002442	Total Nitrogen (TKN)	mg/l	19.3	113.	100.	93.70 %

QC Summary for sample numbers: 23-A002313 to 23-A002325...

MATRIX SPIKES continued....

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A002453	Total Nitrogen (TKN)	mg/l	5.85	11.0	5.00	103.00 %
23-A002670	Total Nitrogen (TKN)	mg/l	63.0	111.	50.0	96.00 %
23-A002680	Total Nitrogen (TKN)	mg/l	43.7	69.0	25.0	101.20 %
23-A002825	Total Nitrogen (TKN)	mg/l	0.496	2.50	2.00	100.20 %
23-A001898	Total Nitrate + Nitrite	mg/l	< 0.02	0.967	1.00	96.70 %
23-A001946	Total Nitrate + Nitrite	mg/l	1.01	1.96	1.00	95.00 %
23-A002036	Total Nitrate + Nitrite	mg/l	0.055	1.02	1.00	96.50 %
23-A002055	Total Nitrate + Nitrite	mg/l	0.536	9.86	10.0	93.24 %
23-A002156	Total Nitrate + Nitrite	mg/l	2.44	3.35	1.00	91.00 %
23-A002268	Total Nitrate + Nitrite	mg/l	4.24	14.5	10.0	102.60 %
23-A002291	Total Nitrate + Nitrite	mg/l	0.385	1.37	1.00	98.50 %
23-A002301	Total Nitrate + Nitrite	mg/l	< 0.02	1.04	1.00	104.00 %
23-A002320	Total Nitrate + Nitrite	mg/l	0.345	1.32	1.00	97.50 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrogen (TKN)	mg/l	1.00	1.05	105. %
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.09	109. %
Total Nitrogen (TKN)	mg/l	1.00	0.926	92.6 %
Total Nitrogen (TKN)	mg/l	1.00	0.937	93.7 %
Total Nitrogen (TKN)	mg/l	1.00	0.937	93.7 %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	0.944	94.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.978	97.8 %
Total Nitrate + Nitrite	mg/l	1.00	0.991	99.1 %
Total Nitrate + Nitrite	mg/l	1.00	0.957	95.7 %
Total Nitrate + Nitrite	mg/l	1.00	0.984	98.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.987	98.7 %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3

QC Summary for sample numbers: 23-A002313 to 23-A002325...

BLANKS continued....

ANALYTE	UNITS	RESULT
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 02-068

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230207 2313	2/7/23	9:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230207 2314	2/7/23	10:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230207 2315	2/7/23	9:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230207 2316	2/7/23	10:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230207 2317	2/7/23	11:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230207 2318	2/7/23	11:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230207 2319	2/7/23	11:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230207 2320	2/7/23	11:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230207 2321	2/7/23	9:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230207 2322	2/7/23	10:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	2/7/23	2:35PM	
Received by:	KL	AmTest	2/7/23	14:35	**EDDs - CSV**
Relinquished by:					**Reporting Limits:**
Received by:					**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:					**Total Nitrogen - .10 mg/L**
Received by:					

T = 4.2°C

P.12

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 02-068

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20230207 2323	2/7/23	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20230207 2324	2/7/23	11:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA131-20230207 2325	2/7/23	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	2/7/23	2:35 pm	
Received by: KL	AmTest	2/7/23	14:35	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				

T = 4.2°C

CHAIN OF CUSTODY 02-068

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230207	2/7/23	9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230207		10:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230207		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230207		10:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230207		11:00	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230207		11:15	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230207		11:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230207		11:50	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230207		9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230207		10:05	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230207		11:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA31-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 2/7/23 Received by [signature] Date 2-7-23

Firm Herrera Time 12:27 Firm OSE Time 1227

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY 02-068

Page ___ of ___

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-20230207	2/7/23	9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-20230207		10:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-20230207		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-20230207		10:40	Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-20230207		11:00	Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-20230207		11:15	Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-20230207		11:30	Water	7	X	X	X	X	X	X	X	X	X		
	MONM-20230207		11:50	Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-20230207		9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-20230207		10:05	Water	7	X	X	X	X	X	X	X	X	X		
	COLM-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-20230207		11:50	Water	7	X	X	X	X	X	X	X	X	X		
	QA31-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 2/7/23 Received by [signature] Date 2-7-23

Firm Herrera Time 12:27 Firm _____ Time 1227

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	2/6/23 15:00 pm
Barometric Pressure Start of Day:	mmHg: 773.2 Time: 15:15
Barometric Pressure End of Day:	mmHg: 766.9 Time: 14:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.2	0	18.5	
Conductivity (µS/cm)	959	1,000	21.9	
Conductivity (µS/cm)	98	100	22.4	
DO % Saturation	104.2	100	21.2	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.5	0	21.3	
Conductivity (µS/cm)	97	100	22.3	
DO % Saturation	102.2	100	21.2	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #1
Date/Time:	2/6/23 15:05
Barometric Pressure Start of Day:	mmHg: 772.9 Time: 15:15
Barometric Pressure End of Day:	mmHg: 766.8 Time: 14:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.0	0	18.4	
Conductivity (µS/cm)	979	1,000	21.1	
Conductivity (µS/cm)	75	100	22.3	
DO % Saturation	102.8	100	20.9	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	4.2	0	20.8	
Conductivity (µS/cm)	78	100	22.2	
DO % Saturation	101.2	100	20.4	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: ~~[illegible]~~ E. Van Orden M. O'Connor-Leath

Sample Date: 2/7/23 **Sample Time:** 9:20 PDT:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later: Y N** PST:
(Must filter within 15 minutes of collection)

SITE ID: ~~[illegible]~~ COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Drizzling, 47°F

Water Quality Sampling

Sample ID: COUMO-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	None
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.4

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 265.3

Dissolved Oxygen (mg/L) 12.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & M. OConnor-Lenth

Sample Date: 2/8/23 **Sample Time:** 9:40 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: [redacted] TOSMO [redacted]

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sprinkling, 47°F

Water Quality Sampling

Sample ID: [redacted] TOSMO -20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	No
Odor:	No
Sheen:	No
Floatables:	No

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 270.4

Dissolved Oxygen (mg/L) [redacted] 12.33

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & M. O'Connor-Leath

Sample Date: 2/7/23 **Sample Time:** 10:00 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: ~~XXXXXXX~~ COUMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sprinkling, 47°F

Water Quality Sampling

Sample ID: COUMI-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: None

Odor: None

Sheen: None

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) ~~XXXXX~~ 12.18

Dissolved Oxygen (mg/L) 101.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor Leuth

Sample Date: 2/7/23 **Sample Time:** 10:40 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: [redacted]-TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sprinkling 47°F

Water Quality Sampling

Sample ID: TYLMO-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: None

Odor: None

Sheen: None

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.3

Specific Conductivity (µs/cm) 172.7

Dissolved Oxygen (mg/L) 100.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 2-7-23 **Sample Time:** 9:20 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 46°F

Water Quality Sampling

Sample ID: TOSMI 2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	N1.9/ none
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 8.0

Specific Conductivity (µs/cm) 299.8

Dissolved Oxygen (mg/L) 11.91

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 2-7-23 **Sample Time:** 10:05 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N

(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 46°F

Water Quality Sampling

Sample ID: SEIMN2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 78.0

Dissolved Oxygen (mg/L) 12.49

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 2-7-23 **Sample Time:** 10:35 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later?** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 47°F

Water Quality Sampling

Sample ID: COLM2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: light brown

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.65

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 118.5

Dissolved Oxygen (mg/L) 11.89

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 2-7-2023 **Sample Time:** 11:15 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 47°F

Water Quality Sampling

Sample ID: MONMN2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.25

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 155.1

Dissolved Oxygen (mg/L) 11.98

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 2-7-23 **Sample Time:** 11:30 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 47°F

Water Quality Sampling

Sample ID: MONMS2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	light brown
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 4.3

Specific Conductivity (µs/cm) 287.1

Dissolved Oxygen (mg/L) 8.96

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor Lenth

Sample Date: 2/7/23 **Sample Time:** 11:30 PDT:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later: Y N** PST:
(Must filter within 15 minutes of collection)

SITE ID: ~~[illegible]~~ SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Dry, 47°F

Water Quality Sampling

Sample ID: SEIMS-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	~~[illegible]~~ turbidity
Color:	~~[illegible]~~
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 107.3

Dissolved Oxygen (mg/L) 12.09

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor-Lenth

Sample Date: 2/7/23 **Sample Time:** 11:00 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: ~~XXXXXX~~ TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sprinkling, 47°F

Water Quality Sampling

Sample ID: TYLMI-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Some turbidity

Color: Brown

Odor: None

Sheen: None

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): Covered by bamboo

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.1

Specific Conductivity (µs/cm) 143.9

Dissolved Oxygen (mg/L) 11.82

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor Lentz

Sample Date: 2/7/23 **Sample Time:** ~~12:50~~ 11:50 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Dry, 47°F

Water Quality Sampling

Sample ID: MONM-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: None

Odor: No

Sheen: No

Floatables: No

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.1

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 210.8

Dissolved Oxygen (mg/L) 12.39

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 2/7/2023 /All locations, QA131 (COLM) Lab Ref No 2301-068

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	90	**±20**	NC	**≤ 25**	NC	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	<1	**≤ 25**	D=0.02	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	3	**≤180**	≤1.0 mg/L 1.0 mg/L	113, 111	**±25**	109	**±15**	3 MS 1	**≤ 20**	5	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	2	**≤28**	≤1.0 mg/L 1.0 mg/L	103	**±25**	92	**±15**	2	**≤ 20**	3	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	92	**±25**	92	**±20**	D=0.001	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	6, 8	**≤28**	≤0.1 mg/L 0.1 mg/L	91-118	**±25**	94-110	**±20**	<1-13 D=0-0.05	**≤ 20**	D=0-0.1	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By: J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date: 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 2/7/2023 /All locations, QA131 (COLM) Lab Ref No 2301-068

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	100, 93	**±25**	NR	**±15**	NC MS 7	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	100, 95	**±25**	NR	**±15**	NC MS 5	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	98, 103	**±25**	NR	**±15**	NC MS 5	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	110, 120	**±25**	NR	**±15**	NC MS 9	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	<1, D=7	**≤ 35**	D=0	**≤ 50**	OK	NO FLAG FOR HIGH LAB DUPE DIFFERENCE, OTHER DUPES OK
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED WHEN RESULTS ARE PROVIDED
PAHs	OK/ EPA 8270E SIM	NA	**NA**	3	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 61-94	**19-127[4]**	54-103	**25-125[4]**	1-9 D=0.01-0.1	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 30, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2303-020

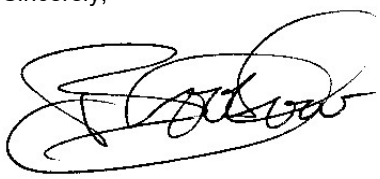
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on March 2, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

Case Narrative

Samples were collected on March 2, 2023 and received by the laboratory on March 2, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Total Suspended Solids	**19**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Total Suspended Solids	**7.6**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Total Suspended Solids	**11**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Total Suspended Solids	**ND**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Total Suspended Solids	**38**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Total Suspended Solids	**7.8**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Total Suspended Solids	**5.6**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Total Suspended Solids	**5.2**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Total Suspended Solids	**30**	1.0	SM 2540D	3-3-23	3-3-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Total Suspended Solids	**120**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Total Suspended Solids	**43**	1.0	SM 2540D	3-3-23	3-3-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Total Suspended Solids	**9.6**	1.0	SM 2540D	3-3-23	3-3-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0303W2					
Total Suspended Solids	**ND**	1.0	SM 2540D	3-3-23	3-3-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-020-11								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB0303W2								
	SB		SB		SB				
Total Suspended Solids	**81.0**		100	NA	81	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Turbidity	**12**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Turbidity	**4.6**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Turbidity	**8.8**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Turbidity	**1.9**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Turbidity	**2.6**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Turbidity	**2.0**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Turbidity	**1.2**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Turbidity	**2.0**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Turbidity	**7.1**	0.10	EPA 180.1	3-2-23	3-2-23	

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Turbidity	**5.0**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Turbidity	**0.45**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Turbidity	**2.3**	0.10	EPA 180.1	3-2-23	3-2-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Turbidity	**1.3**	0.10	EPA 180.1	3-2-23	3-2-23	

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0302W1					
Turbidity	**ND**	0.10	EPA 180.1	3-2-23	3-2-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-020-02								
	ORIG	DUP							
Turbidity	**4.60**	**4.47**	NA	NA	NA	NA	3	18	

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Hardness	**92**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Hardness	**71**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Hardness	**59**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Hardness	**63**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Hardness	**83**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Hardness	**59**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Hardness	**23**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Hardness	**15**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Hardness	**44**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	

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Date of Report: May 30, 2023
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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0306WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	3-6-23	3-6-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-020-13										
	ORIG	DUP									
Hardness	**112**	**109**	NA		NA	NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	03-020-13										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**238**	**236**	132	132	112	95	94	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB0306WH2										
	SB		SB			SB					
Hardness	**141**		132		NA	107		85-115	NA	NA	

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Date of Report: May 30, 2023
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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Dissolved Organic Carbon	**5.6**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Dissolved Organic Carbon	**5.6**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Dissolved Organic Carbon	**5.7**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Dissolved Organic Carbon	**8.3**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Dissolved Organic Carbon	**4.0**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Dissolved Organic Carbon	**6.2**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	3-8-23	3-8-23	

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Date of Report: May 30, 2023
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Laboratory Reference: 2303-020
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Dissolved Organic Carbon	**8.1**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Dissolved Organic Carbon	**11**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Dissolved Organic Carbon	**5.9**	1.0	SM 5310B	3-8-23	3-8-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	3-8-23	3-8-23	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0308D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	3-8-23	3-8-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-020-01								
	ORIG	DUP							
Dissolved Organic Carbon	**4.93**	**5.19**	NA	NA	NA	NA	5	15	
MATRIX SPIKE									
Laboratory ID:	03-020-01								
	MS		MS		MS				
Dissolved Organic Carbon	**15.5**		10.0	4.93	106	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0308D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.1**		10.0	NA	101	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Total Phosphorus	**0.083**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Total Phosphorus	**0.054**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Total Phosphorus	**0.044**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Total Phosphorus	**0.021**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Total Phosphorus	**0.029**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Total Phosphorus	**0.024**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Total Phosphorus	**0.023**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Total Phosphorus	**0.020**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Total Phosphorus	**0.047**	0.010	EPA 365.1	3-7-23	3-7-23	

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Samples Submitted: March 2, 2023
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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Total Phosphorus	**0.026**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Total Phosphorus	**0.036**	0.010	EPA 365.1	3-7-23	3-7-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Total Phosphorus	**0.023**	0.010	EPA 365.1	3-7-23	3-7-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0307W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	3-7-23	3-7-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-020-01								
	ORIG	DUP							
Total Phosphorus	**0.0825**	**0.0783**	NA	NA	NA	NA	5	20	
MATRIX SPIKE									
Laboratory ID:	03-020-01								
	MS		MS		MS				
Total Phosphorus	**0.325**		0.250	0.0825	97	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB								
	SB		SB		SB				
Total Phosphorus	**0.247**		0.250	NA	99	78-110	NA	NA	

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Date of Report: May 30, 2023
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Laboratory Reference: 2303-020
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Copper	**2.2**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**27**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Copper	**1.4**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**17**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Copper	**3.2**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**25**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Copper	**2.4**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**11**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Copper	**2.0**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**16**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Copper	**1.2**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**14**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Copper	**1.3**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**ND**	5.0	EPA 200.8	3-9-23	3-9-23	

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Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Copper	**1.1**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**14**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Copper	**3.9**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**57**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Copper	**1.6**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**ND**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Copper	**ND**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**ND**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Copper	**ND**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**ND**	5.0	EPA 200.8	3-9-23	3-9-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Copper	**1.3**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**ND**	5.0	EPA 200.8	3-9-23	3-9-23	

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Laboratory Reference: 2303-020
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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0309WH1					
Copper	**ND**	1.0	EPA 200.8	3-9-23	3-9-23	
Zinc	**ND**	5.0	EPA 200.8	3-9-23	3-9-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-020-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	03-020-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**88.4**	**92.8**	100	100	ND	**88**	**93**	75-125	5	20	
Zinc	**93.6**	**99.6**	100	100	ND	**94**	**100**	75-125	6	20	

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Date of Report: May 30, 2023
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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Copper	**1.2**	1.0	EPA 200.8		3-10-23	
Zinc	**14**	5.0	EPA 200.8		3-10-23	
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**10**	5.0	EPA 200.8		3-10-23	
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Copper	**1.4**	1.0	EPA 200.8		3-10-23	
Zinc	**13**	5.0	EPA 200.8		3-10-23	
Client ID:	**TYLMO-20230302**					
Laboratory ID:	03-020-04					
Copper	**2.0**	1.0	EPA 200.8		3-10-23	
Zinc	**8.1**	5.0	EPA 200.8		3-10-23	
Client ID:	**TYLMI-20230302**					
Laboratory ID:	03-020-05					
Copper	**1.4**	1.0	EPA 200.8		3-10-23	
Zinc	**11**	5.0	EPA 200.8		3-10-23	
Client ID:	**MONMN-20230302**					
Laboratory ID:	03-020-06					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**8.6**	5.0	EPA 200.8		3-10-23	
Client ID:	**MONMS-20230302**					
Laboratory ID:	03-020-07					
Copper	**1.0**	1.0	EPA 200.8		3-10-23	
Zinc	**ND**	5.0	EPA 200.8		3-10-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230302**					
Laboratory ID:	03-020-08					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**8.6**	5.0	EPA 200.8		3-10-23	
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Copper	**2.1**	1.0	EPA 200.8		3-10-23	
Zinc	**19**	5.0	EPA 200.8		3-10-23	
Client ID:	**SEIMN-20230302**					
Laboratory ID:	03-020-10					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**ND**	5.0	EPA 200.8		3-10-23	
Client ID:	**COLM-20230302**					
Laboratory ID:	03-020-11					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**ND**	5.0	EPA 200.8		3-10-23	
Client ID:	**SEIMS-20230302**					
Laboratory ID:	03-020-12					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**ND**	5.0	EPA 200.8		3-10-23	
Client ID:	**QA132-20230302**					
Laboratory ID:	03-020-13					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**ND**	5.0	EPA 200.8		3-10-23	

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
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Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0310D1					
Copper	**ND**	1.0	EPA 200.8		3-10-23	
Zinc	**ND**	5.0	EPA 200.8		3-10-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-020-13										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	03-020-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**70.0**	**70.2**	80.0	80.0	ND	**88**	**88**	75-125	0	20	
Zinc	**76.0**	**77.4**	80.0	80.0	ND	**95**	**97**	75-125	2	20	

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230302**					
Laboratory ID:	03-020-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	3-6-23	3-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*83*	*19 - 104*				
Terphenyl-d14	*95*	*41 - 127*				

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230302**					
Laboratory ID:	03-020-02					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	3-6-23	3-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*76*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*102*	*41 - 127*				

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230302**					
Laboratory ID:	03-020-03					
Naphthalene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
2-Methylnaphthalene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
1-Methylnaphthalene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthylene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Fluorene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Phenanthrene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Anthracene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Fluoranthene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Pyrene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]anthracene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Chrysene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[b]fluoranthene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo(j,k)fluoranthene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]pyrene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*67*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*99*	*41 - 127*				

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Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230302**					
Laboratory ID:	03-020-09					
Naphthalene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
2-Methylnaphthalene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
1-Methylnaphthalene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Acenaphthylene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Acenaphthene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Fluorene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Phenanthrene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Anthracene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Fluoranthene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Pyrene	**ND**	0.098	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Chrysene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo(j,k)fluoranthene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270E/SIM	3-8-23	3-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*80*	*19 - 104*				
Terphenyl-d14	*96*	*41 - 127*				

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Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**QA132B-20230302**					
Laboratory ID:	03-020-14					
Naphthalene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
2-Methylnaphthalene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
1-Methylnaphthalene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthylene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Fluorene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Phenanthrene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Anthracene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Fluoranthene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Pyrene	**ND**	0.12	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]anthracene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Chrysene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[b]fluoranthene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo(j,k)fluoranthene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]pyrene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270E/SIM	3-6-23	3-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*78*	*20 - 106*				
Pyrene-d10	*87*	*19 - 104*				
Terphenyl-d14	*100*	*41 - 127*				

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Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0306W2					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	3-6-23	3-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*55*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*103*	*41 - 127*				

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Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0308W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	3-8-23	3-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*87*	*19 - 104*				
Terphenyl-d14	*98*	*41 - 127*				

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Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0306W2									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.385**	**0.365**	0.500	0.500	77	73	25 - 82	5	39	
Acenaphthylene	**0.421**	**0.399**	0.500	0.500	84	80	35 - 107	5	26	
Acenaphthene	**0.402**	**0.391**	0.500	0.500	80	78	33 - 99	3	26	
Fluorene	**0.436**	**0.413**	0.500	0.500	87	83	43 - 95	5	24	
Phenanthrene	**0.449**	**0.430**	0.500	0.500	90	86	49 - 100	4	20	
Anthracene	**0.418**	**0.401**	0.500	0.500	84	80	47 - 101	4	21	
Fluoranthene	**0.465**	**0.443**	0.500	0.500	93	89	51 - 115	5	23	
Pyrene	**0.456**	**0.442**	0.500	0.500	91	88	53 - 117	3	24	
Benzo[a]anthracene	**0.414**	**0.390**	0.500	0.500	83	78	57 - 114	6	21	
Chrysene	**0.451**	**0.427**	0.500	0.500	90	85	55 - 119	5	21	
Benzo[b]fluoranthene	**0.467**	**0.451**	0.500	0.500	93	90	56 - 125	3	26	
Benzo(j,k)fluoranthene	**0.455**	**0.421**	0.500	0.500	91	84	53 - 124	8	22	
Benzo[a]pyrene	**0.456**	**0.434**	0.500	0.500	91	87	54 - 119	5	22	
Indeno(1,2,3-c,d)pyrene	**0.472**	**0.432**	0.500	0.500	94	86	55 - 118	9	23	
Dibenz[a,h]anthracene	**0.457**	**0.433**	0.500	0.500	91	87	56 - 118	5	23	
Benzo[g,h,i]perylene	**0.441**	**0.417**	0.500	0.500	88	83	55 - 117	6	22	
Surrogate:										
2-Fluorobiphenyl					*71*	*67*	*20 - 106*			
Pyrene-d10					*86*	*85*	*19 - 104*			
Terphenyl-d14					*97*	*94*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: March 2, 2023
Laboratory Reference: 2303-020
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0308W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.249**	**0.271**	0.500	0.500	50	54	25 - 82	8	39	
Acenaphthylene	**0.340**	**0.323**	0.500	0.500	68	65	35 - 107	5	26	
Acenaphthene	**0.337**	**0.314**	0.500	0.500	67	63	33 - 99	7	26	
Fluorene	**0.364**	**0.343**	0.500	0.500	73	69	43 - 95	6	24	
Phenanthrene	**0.390**	**0.364**	0.500	0.500	78	73	49 - 100	7	20	
Anthracene	**0.368**	**0.348**	0.500	0.500	74	70	47 - 101	6	21	
Fluoranthene	**0.409**	**0.384**	0.500	0.500	82	77	51 - 115	6	23	
Pyrene	**0.413**	**0.385**	0.500	0.500	83	77	53 - 117	7	24	
Benzo[a]anthracene	**0.376**	**0.350**	0.500	0.500	75	70	57 - 114	7	21	
Chrysene	**0.416**	**0.398**	0.500	0.500	83	80	55 - 119	4	21	
Benzo[b]fluoranthene	**0.431**	**0.409**	0.500	0.500	86	82	56 - 125	5	26	
Benzo(j,k)fluoranthene	**0.410**	**0.387**	0.500	0.500	82	77	53 - 124	6	22	
Benzo[a]pyrene	**0.410**	**0.387**	0.500	0.500	82	77	54 - 119	6	22	
Indeno(1,2,3-c,d)pyrene	**0.445**	**0.400**	0.500	0.500	89	80	55 - 118	11	23	
Dibenz[a,h]anthracene	**0.421**	**0.405**	0.500	0.500	84	81	56 - 118	4	23	
Benzo[g,h,i]perylene	**0.407**	**0.391**	0.500	0.500	81	78	55 - 117	4	22	
Surrogate:										
2-Fluorobiphenyl					*57*	*52*	*20 - 106*			
Pyrene-d10					*78*	*71*	*19 - 104*			
Terphenyl-d14					*92*	*84*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Mar 27 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230302	Water	23-A003833	Micro, NUT
COUMI-20230302	Water	23-A003834	Micro, NUT
TOSMO-20230302	Water	23-A003835	Micro, NUT
TYLMO-20230302	Water	23-A003836	Micro, NUT
TYLMI-20230302	Water	23-A003837	Micro, NUT
MONMN-20230302	Water	23-A003838	Micro, NUT
MONMS-20230302	Water	23-A003839	Micro, NUT
MONM-20230302	Water	23-A003840	Micro, NUT
TOSMI-20230302	Water	23-A003841	Micro, NUT
SEIMN-20230302	Water	23-A003842	Micro, NUT
COLM-20230302	Water	23-A003843	Micro, NUT
SEIMS-20230302	Water	23-A003844	Micro, NUT
QA132-20230302	Water	23-A003845	Micro, NUT

Your samples were received on Thursday, March 2, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2328510
PO Number: 03-020

BACT = Bacteriological MET = Metals NUT=Nutrients MIN=Minerals
CONV = Conventionals ORG = Organics DEM=Demand

Am Test Inc.
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Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2328510
Project #: 14-05806-000
PO Number: 03-020
All results reported on an as received basis.

Date Received: 03/02/23
Date Reported: 3/27/23

AMTEST Identification Number **23-A003833**
Client Identification **COUMO-20230302**
Sampling Date **03/02/23, 08:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	680	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	1.11	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.904	mg/l		0.3	SM4500N	KO	03/10/23
Total Nitrate + Nitrite	0.205	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003834**
Client Identification **COUMI-20230302**
Sampling Date **03/02/23, 08:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	170	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.25	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	KO	03/10/23
Total Nitrate + Nitrite	0.252	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003835**
Client Identification **TOSMO-20230302**
Sampling Date **03/02/23, 09:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	400	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.71	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.404	mg/l		0.3	SM4500N	KO	03/10/23
Total Nitrate + Nitrite	0.310	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003836**
Client Identification **TYLMO-20230302**
Sampling Date **03/02/23, 09:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1400	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	1.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.37	mg/l		0.3	SM4500N	KO	03/10/23
Total Nitrate + Nitrite	0.230	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003837**
Client Identification **TYLMI-20230302**
Sampling Date **03/02/23, 09:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	15.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.75	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.499	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.248	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003838**
Client Identification **MONMN-20230302**
Sampling Date **03/02/23, 10:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	5.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.71	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.427	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.284	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003839**
Client Identification **MONMS-20230302**
Sampling Date **03/02/23, 11:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	9.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.97	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.556	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.416	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003840**
Client Identification **MONM-20230302**
Sampling Date **03/02/23, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	27.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.86	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.549	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.312	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003841**
Client Identification **TOSMI-20230302**
Sampling Date **03/02/23, 08:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	580	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.85	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.554	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.298	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003842**
Client Identification **SEIMN-20230302**
Sampling Date **03/02/23, 09:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.69	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.518	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.174	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003843**
Client Identification **COLM-20230302**
Sampling Date **03/02/23, 10:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.61	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.546	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.065	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003844**
Client Identification **SEIMS-20230302**
Sampling Date **03/02/23, 10:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	37.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.88	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.665	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.215	mg/l		0.02	SM4500NO3	AE	03/15/23

AMTEST Identification Number **23-A003845**
Client Identification **QA132-20230302**
Sampling Date **03/02/23, 11:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	9.	CFU/100 ml		1	SM 9222D	JM	03/02/23
Total Nitrogen (NOX&TKN)	0.96	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.578	mg/l		0.3	SM4500N	AE	03/16/23
Total Nitrate + Nitrite	0.387	mg/l		0.02	SM4500NO3	AE	03/15/23

Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
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www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A003833 to 23-A003845

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A003832	Fecal Coliform	CFU/100 ml	1.	7.	150
23-A003846	Fecal Coliform	CFU/100 ml	66.	62.	6.2
23-A003809	Total Nitrogen (TKN)	mg/l	0.735	0.750	2.0
23-A003826	Total Nitrogen (TKN)	mg/l	0.657	0.659	0.30
23-A003836	Total Nitrogen (TKN)	mg/l	1.37	1.47	7.0
23-A004148	Total Nitrogen (TKN)	mg/l	4.60	4.81	4.5
23-A003936	Total Nitrogen (TKN)	mg/l	3.06	3.25	6.0
23-A004204	Total Nitrogen (TKN)	mg/l	88.3	93.4	5.6
23-A004299	Total Nitrogen (TKN)	mg/l	13.6	15.2	11.
23-A004322	Total Nitrogen (TKN)	mg/l	30.7	31.0	0.97
23-A004325	Total Nitrogen (TKN)	mg/l	53.0	58.6	10.
23-A003475	Total Nitrate + Nitrite	mg/l	1.48	1.49	0.67
23-A003829	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A003839	Total Nitrate + Nitrite	mg/l	0.416	0.415	0.24
23-A003941	Total Nitrate + Nitrite	mg/l	0.566	0.562	0.71
23-A003947	Total Nitrate + Nitrite	mg/l	0.441	0.431	2.3
23-A004163	Total Nitrate + Nitrite	mg/l	0.540	0.540	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A003809	Total Nitrogen (TKN)	mg/l	0.735	2.84	2.00	105.25 %
23-A003826	Total Nitrogen (TKN)	mg/l	0.657	2.72	2.00	103.15 %
23-A003836	Total Nitrogen (TKN)	mg/l	1.37	3.47	2.00	105.00 %
23-A004148	Total Nitrogen (TKN)	mg/l	4.60	6.79	2.00	109.50 %
23-A003936	Total Nitrogen (TKN)	mg/l	3.06	4.99	2.00	96.50 %
23-A004204	Total Nitrogen (TKN)	mg/l	88.3	143.	50.0	109.40 %
23-A004299	Total Nitrogen (TKN)	mg/l	13.6	53.1	40.0	98.75 %
23-A004322	Total Nitrogen (TKN)	mg/l	30.7	57.0	25.0	105.20 %
23-A004325	Total Nitrogen (TKN)	mg/l	53.0	78.5	25.0	102.00 %
23-A003475	Total Nitrate + Nitrite	mg/l	1.48	2.59	1.00	111.00 %
23-A003829	Total Nitrate + Nitrite	mg/l	< 0.02	0.964	1.00	96.40 %
23-A003839	Total Nitrate + Nitrite	mg/l	0.416	1.42	1.00	100.40 %
23-A003941	Total Nitrate + Nitrite	mg/l	0.566	1.58	1.00	101.40 %
23-A003947	Total Nitrate + Nitrite	mg/l	0.441	1.52	1.00	107.90 %
23-A004163	Total Nitrate + Nitrite	mg/l	0.540	10.2	10.0	96.60 %

QC Summary for sample numbers: 23-A003833 to 23-A003845...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.987	98.7 %
Total Nitrogen (TKN)	mg/l	1.00	0.976	97.6 %
Total Nitrogen (TKN)	mg/l	1.00	1.00	100. %
Total Nitrogen (TKN)	mg/l	1.00	0.987	98.7 %
Total Nitrogen (TKN)	mg/l	1.00	0.973	97.3 %
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	0.985	98.5 %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.06	106. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-020

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230302 3833	3/2/23	8:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230302 3834	3/2/23	8:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230302 3835	3/2/23	9:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230302 3836	3/2/23	9:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230302 3837	3/2/23	9:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230302 3838	3/2/23	10:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230302 3839	3/2/23	11:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230302 3840	3/2/23	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230302 3841	3/2/23	8:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230302 3842	3/2/23	9:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OSE	3/2/23	15:40	
Received by: KL	AmTest	3/2/23	15:40	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=5.5°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-020

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20230302 3843	3/2/23	10:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20230302 3844	3/2/23	10:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA132-20230302 3845	3/2/23	11:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OSE	3/2/23	15:10	
Received by: KL	AmTest	3/2/23	15:40	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=5.5°C

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 03-020

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0302	3/2/23	8:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0302		8:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0302		9:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0302		9:30	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0302		9:45	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0302		10:45	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0302		11:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0302		10:35	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0302		8:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0302		9:20	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0302		10:00	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0302		10:15	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 132-20230302		11:00	Water	7	X	X	X	X	X	X	X	X	X		
14	QA132B-20230302		8:45												X	X

Relinquished by David Garcia Date 3/2/23 Received by [illegible] Date 3/2/23

Firm Herrera Env. Time 12:04 Firm ORE Time 1204

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 03-020

Initiated by: MV

Date Initiated: 3/2/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	4,3,3,3
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) Colifrm will expire < 24 hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY 02-068

Page ___ of ___

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-20230207	2/7/23	9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-20230207		10:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-20230207		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-20230207		10:40	Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-20230207		11:00	Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-20230207		11:15	Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-20230207		11:30	Water	7	X	X	X	X	X	X	X	X	X		
	MONM-20230207		11:50	Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-20230207		9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-20230207		10:05	Water	7	X	X	X	X	X	X	X	X	X		
	COLM-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-20230207		11:50	Water	7	X	X	X	X	X	X	X	X	X		
	QA31-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 2/7/23 Received by [signature] Date 2-7-23

Firm Herrera Time 12:27 Firm _____ Time 1227

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	2/6/23 15:00 pm
Barometric Pressure Start of Day:	mmHg: 773.2 Time: 15:15
Barometric Pressure End of Day:	mmHg: 766.9 Time: 14:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.2	0	18.5	
Conductivity (µS/cm)	959	1,000	21.9	
Conductivity (µS/cm)	98	100	22.4	
DO % Saturation	104.2	100	21.2	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.5	0	21.3	
Conductivity (µS/cm)	97	100	22.3	
DO % Saturation	102.2	100	21.2	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #1
Date/Time:	2/6/23 15:05
Barometric Pressure Start of Day:	mmHg: 772.9 Time: 15:15
Barometric Pressure End of Day:	mmHg: 766.8 Time: 14:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.0	0	18.4	
Conductivity (µS/cm)	979	1,000	21.1	
Conductivity (µS/cm)	75	100	22.3	
DO % Saturation	102.8	100	20.9	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	4.2	0	20.8	
Conductivity (µS/cm)	78	100	22.2	
DO % Saturation	101.2	100	20.4	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: ~~[illegible]~~ E. Van Orden M. O'Connor-Leath

Sample Date: 2/7/23 **Sample Time:** 9:20 PDT:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later: Y N** PST:
(Must filter within 15 minutes of collection)

SITE ID: ~~[illegible]~~ COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Drizzling, 47°F

Water Quality Sampling

Sample ID: COUMO-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	None
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.4

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 265.3

Dissolved Oxygen (mg/L) 12.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & M. OConnor-Lenth

Sample Date: 2/8/23 **Sample Time:** 9:40 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: [redacted] TOSMO [redacted]

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sprinkling, 47°F

Water Quality Sampling

Sample ID: [redacted] TOSMO -20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	No
Odor:	No
Sheen:	No
Floatables:	No

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 270.4

Dissolved Oxygen (mg/L) [redacted] 12.33

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & M. O'Connor-Leath

Sample Date: 2/7/23 **Sample Time:** 10:00 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: ~~XXXXXXX~~ COUMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sprinkling, 47°F

Water Quality Sampling

Sample ID: COUMI-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: None

Odor: None

Sheen: None

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) ~~XXXXX~~ 12.18

Dissolved Oxygen (mg/L) 101.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor Leuth

Sample Date: 2/7/23 **Sample Time:** 10:40 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: [redacted]-TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sprinkling 47°F

Water Quality Sampling

Sample ID: TYLMO-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: None

Odor: None

Sheen: None

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.3

Specific Conductivity (µs/cm) 172.7

Dissolved Oxygen (mg/L) 100.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 2-7-23 **Sample Time:** 9:20 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 46°F

Water Quality Sampling

Sample ID: TOSMI 2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	N1.9/ none
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 8.0

Specific Conductivity (µs/cm) 299.8

Dissolved Oxygen (mg/L) 11.91

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 2-7-23 **Sample Time:** 10:05 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N

(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 46°F

Water Quality Sampling

Sample ID: SEIMN2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 78.0

Dissolved Oxygen (mg/L) 12.49

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 2-7-23 **Sample Time:** 10:35 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later?** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 47°F

Water Quality Sampling

Sample ID: COLM2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: light brown

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.65

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 118.5

Dissolved Oxygen (mg/L) 11.89

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 2-7-2023 **Sample Time:** 11:15 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 47°F

Water Quality Sampling

Sample ID: MONMN2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.25

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 155.1

Dissolved Oxygen (mg/L) 11.98

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 2-7-23 **Sample Time:** 11:30 PDT: PST: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 47°F

Water Quality Sampling

Sample ID: MONMS2023-0207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	light brown
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 4.3

Specific Conductivity (µs/cm) 287.1

Dissolved Oxygen (mg/L) 8.96

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor Lenth

Sample Date: 2/7/23 **Sample Time:** 11:30 PDT:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later: Y N** PST:
(Must filter within 15 minutes of collection)

SITE ID: ~~[illegible]~~ SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Dry, 47°F

Water Quality Sampling

Sample ID: SEIMS-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	~~[illegible]~~ Turbidity
Color:	~~[illegible]~~
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 107.3

Dissolved Oxygen (mg/L) 12.09

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor-Lenth

Sample Date: 2/7/23 **Sample Time:** 11:00 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: ~~XXXXXX~~ TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sprinkling, 47°F

Water Quality Sampling

Sample ID: TYLMI-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Some turbidity

Color: Brown

Odor: None

Sheen: None

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): Covered by bamboo

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.1

Specific Conductivity (µs/cm) 143.9

Dissolved Oxygen (mg/L) 11.82

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden M. O'Connor Lentz

Sample Date: 2/7/23 **Sample Time:** ~~12:50~~ 11:50 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Dry, 47°F

Water Quality Sampling

Sample ID: MONM-20230207

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: None

Odor: No

Sheen: No

Floatables: No

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.1

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 210.8

Dissolved Oxygen (mg/L) 12.39

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 3/2/23 /All locations, QA132 & QA132B (MONMS & COUMI) Lab Ref No 2303-020

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	81	**±20**	NC	**≤ 25**	56	**≤ 25**	OK	FLAG MONMS J DUE TO FIELD DUPE EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	3	**≤ 25**	8	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	95, 94	**±25**	107, MS 1	**±15**	3	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	6	**≤28**	≤1.0 mg/L 1.0 mg/L	106	**±25**	101	**±15**	5	**≤ 20**	<1	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	5	**≤28**	≤0.01 mg/L 0.01 mg/L	97	**±25**	99	**±20**	5	**≤ 20**	<1	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	8-14	**≤28**	≤0.1 mg/L 0.1 mg/L	97-111	**±25**	97-106	**±20**	<1-11, D=0-0.1	**≤ 20**	7, D=0.02	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 3/2/23 /All locations, QA132 & QA132B (MONMS & COUMI) Lab Ref No 2303-020

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	7	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 93	**±25**	NR	**±15**	NC MS 5	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	7	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 100	**±25**	NR	**±15**	NC MS 6	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 88	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	95, 97	**±25**	NR	**±15**	NC MS 2	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	6, D=6	**≤ 35**	<1	**≤ 50**	OK	NO FLAG FOR HIGH DIFFERENCE, BATCH SAMPLE AND OTHER DUPES OK
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED WHEN RESULTS ARE PROVIDED
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4-5, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 67-102	**19-127[4]**	50-94	**25-125[4]**	3-11 D=0.01-0.03	**<21-39[4]**	NC	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 27, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2303-124

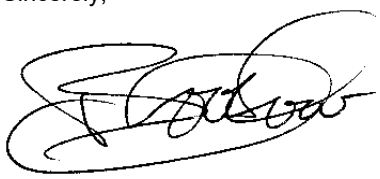
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on March 13, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

Case Narrative

Samples were collected on March 13, 2023 and received by the laboratory on March 13, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Total Suspended Solids	**140**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Total Suspended Solids	**240**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Total Suspended Solids	**610**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Total Suspended Solids	**70**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Total Suspended Solids	**46**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Total Suspended Solids	**21**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Total Suspended Solids	**6.0**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Total Suspended Solids	**50**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Total Suspended Solids	**300**	1.0	SM 2540D	3-14-23	3-20-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Total Suspended Solids	**140**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Total Suspended Solids	**7.0**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Total Suspended Solids	**100**	1.0	SM 2540D	3-14-23	3-20-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Total Suspended Solids	**86**	1.0	SM 2540D	3-14-23	3-20-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0314W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	3-14-23	3-20-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-124-03								
	ORIG	DUP							
Total Suspended Solids	**605**	**666**	NA	NA	NA	NA	10	25	
SPIKE BLANK									
Laboratory ID:	SB0314W1								
	SB		SB		SB				
Total Suspended Solids	**111**		100	NA	111	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Turbidity	**12**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Turbidity	**14**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Turbidity	**33**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Turbidity	**12**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Turbidity	**7.7**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Turbidity	**3.6**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Turbidity	**3.6**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Turbidity	**6.0**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Turbidity	**27**	0.10	EPA 180.1	3-13-23	3-13-23	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Turbidity	**11**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Turbidity	**0.36**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Turbidity	**8.2**	0.10	EPA 180.1	3-13-23	3-13-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Turbidity	**7.8**	0.10	EPA 180.1	3-13-23	3-13-23	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0313W1					
Turbidity	**ND**	0.10	EPA 180.1	3-13-23	3-13-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-124-02								
	ORIG	DUP							
Turbidity	**14.3**	**14.2**	NA	NA	NA	NA	1	18	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Hardness	**36**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Hardness	**59**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Hardness	**74**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Hardness	**26**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Hardness	**41**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Hardness	**37**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Hardness	**52**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Hardness	**40**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Hardness	**21**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Hardness	**14**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Hardness	**35**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Hardness	**36**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	

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Date of Report: March 27, 2023
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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0317WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	3-17-23	3-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-124-11										
	ORIG	DUP									
Hardness	**13.6**	**13.5**	NA		NA	NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	03-124-11										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**144**	**143**	132	132	13.6	99	98	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB0317WH1										
	SB		SB			SB					
Hardness	**128**		132		NA	97		85-115	NA	NA	

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Date of Report: March 27, 2023
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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Dissolved Organic Carbon	**7.5**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Dissolved Organic Carbon	**4.2**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Dissolved Organic Carbon	**3.7**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Dissolved Organic Carbon	**9.8**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Dissolved Organic Carbon	**6.3**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Dissolved Organic Carbon	**5.1**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Dissolved Organic Carbon	**3.4**	1.0	SM 5310B	3-14-23	3-14-23	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Dissolved Organic Carbon	**9.6**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Dissolved Organic Carbon	**9.3**	1.0	SM 5310B	3-14-23	3-14-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Dissolved Organic Carbon	**9.1**	1.0	SM 5310B	3-14-23	3-14-23	

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Date of Report: March 27, 2023
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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0314D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	3-14-23	3-14-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-124-01								
	ORIG	DUP							
Dissolved Organic Carbon	**7.47**	**7.24**	NA	NA	NA	NA	3	15	
MATRIX SPIKE									
Laboratory ID:	03-124-01								
	MS		MS		MS				
Dissolved Organic Carbon	**17.1**		10.0	7.47	96	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0314D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.4**		10.0	NA	104	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Total Phosphorus	**0.17**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Total Phosphorus	**0.33**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Total Phosphorus	**0.63**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Total Phosphorus	**0.13**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Total Phosphorus	**0.11**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Total Phosphorus	**0.043**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Total Phosphorus	**0.051**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Total Phosphorus	**0.090**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Total Phosphorus	**0.33**	0.010	EPA 365.1	3-20-23	3-27-23	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Total Phosphorus	**0.12**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Total Phosphorus	**0.13**	0.010	EPA 365.1	3-20-23	3-27-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Total Phosphorus	**0.14**	0.010	EPA 365.1	3-20-23	3-27-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0320W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	3-20-23	3-27-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	03-147-01								
	ORIG	DUP							
Total Phosphorus	**0.0297**	**0.0303**	NA	NA	NA	NA	2	20	
MATRIX SPIKE									
Laboratory ID:	03-147-01								
	MS		MS		MS				
Total Phosphorus	**0.255**		0.250	0.0297	90	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0320W1								
	SB		SB		SB				
Total Phosphorus	**0.224**		0.250	NA	90	78-110	NA	NA	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Copper	**8.7**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**77**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Copper	**13**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**140**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Copper	**27**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**370**	13	EPA 200.8	3-20-23	3-20-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Copper	**7.1**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**43**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Copper	**4.1**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**38**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Copper	**1.7**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**22**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Copper	**2.2**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**6.5**	5.0	EPA 200.8	3-20-23	3-20-23	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Copper	**3.0**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**50**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Copper	**18**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**260**	13	EPA 200.8	3-20-23	3-20-23	
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Copper	**3.8**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**5.7**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Copper	**ND**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**ND**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Copper	**2.5**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**10**	5.0	EPA 200.8	3-20-23	3-20-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Copper	**2.4**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**9.8**	5.0	EPA 200.8	3-20-23	3-20-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0320WH1					
Copper	**ND**	1.0	EPA 200.8	3-20-23	3-20-23	
Zinc	**ND**	5.0	EPA 200.8	3-20-23	3-20-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-124-07										
	ORIG	DUP									
Copper	**2.16**	**2.06**	NA	NA		NA		NA	5	20	
Zinc	**6.54**	**6.14**	NA	NA		NA		NA	6	20	
MATRIX SPIKES											
Laboratory ID:	03-124-07										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**94.4**	**94.0**	100	100	2.16	**92**	**92**	75-125	0	20	
Zinc	**94.4**	**94.6**	100	100	6.54	**88**	**88**	75-125	0	20	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230313**					
Laboratory ID:	03-124-01					
Copper	**1.5**	1.0	EPA 200.8		3-20-23	
Zinc	**12**	5.0	EPA 200.8		3-20-23	
Client ID:	**COUMI-20230313**					
Laboratory ID:	03-124-02					
Copper	**ND**	1.0	EPA 200.8		3-20-23	
Zinc	**7.9**	5.0	EPA 200.8		3-20-23	
Client ID:	**TOSMO-20230313**					
Laboratory ID:	03-124-03					
Copper	**1.4**	1.0	EPA 200.8		3-20-23	
Zinc	**9.8**	5.0	EPA 200.8		3-20-23	
Client ID:	**TYLMO-20230313**					
Laboratory ID:	03-124-04					
Copper	**1.6**	1.0	EPA 200.8		3-20-23	
Zinc	**6.1**	5.0	EPA 200.8		3-20-23	
Client ID:	**TYLMI-20230313**					
Laboratory ID:	03-124-05					
Copper	**1.6**	1.0	EPA 200.8		3-20-23	
Zinc	**10**	5.0	EPA 200.8		3-20-23	
Client ID:	**MONMN-20230313**					
Laboratory ID:	03-124-06					
Copper	**ND**	1.0	EPA 200.8		3-20-23	
Zinc	**12**	5.0	EPA 200.8		3-20-23	
Client ID:	**MONMS-20230313**					
Laboratory ID:	03-124-07					
Copper	**1.4**	1.0	EPA 200.8		3-20-23	
Zinc	**ND**	5.0	EPA 200.8		3-20-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230313**					
Laboratory ID:	03-124-08					
Copper	**2.4**	1.0	EPA 200.8		3-20-23	
Zinc	**44**	5.0	EPA 200.8		3-20-23	
Client ID:	**TOSMI-20230313**					
Laboratory ID:	03-124-09					
Copper	**1.3**	1.0	EPA 200.8		3-20-23	
Zinc	**16**	5.0	EPA 200.8		3-20-23	
Client ID:	**SEIMN-20230313**					
Laboratory ID:	03-124-10					
Copper	**ND**	1.0	EPA 200.8		3-20-23	
Zinc	**ND**	5.0	EPA 200.8		3-20-23	
Client ID:	**COLM-20230313**					
Laboratory ID:	03-124-11					
Copper	**ND**	1.0	EPA 200.8		3-20-23	
Zinc	**ND**	5.0	EPA 200.8		3-20-23	
Client ID:	**SEIMS-20230313**					
Laboratory ID:	03-124-12					
Copper	**ND**	1.0	EPA 200.8		3-20-23	
Zinc	**ND**	5.0	EPA 200.8		3-20-23	
Client ID:	**QA133-20230313**					
Laboratory ID:	03-124-13					
Copper	**ND**	1.0	EPA 200.8		3-20-23	
Zinc	**ND**	5.0	EPA 200.8		3-20-23	

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Date of Report: March 27, 2023
Samples Submitted: March 13, 2023
Laboratory Reference: 2303-124
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0316F2					
Copper	**ND**	1.0	EPA 200.8	3-16-23	3-20-23	
Zinc	**ND**	5.0	EPA 200.8	3-16-23	3-20-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	03-171-05										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	03-171-05										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**76.2**	**76.2**	80.0	80.0	ND	**95**	**95**	75-125	0	20	
Zinc	**74.8**	**76.0**	80.0	80.0	ND	**94**	**95**	75-125	2	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Mar 27 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230313	Water	23-A004502	Micro, NUT
COUMI-20230313	Water	23-A004503	Micro, NUT
TOSMO-20230313	Water	23-A004504	Micro, NUT
TYLMO-20230313	Water	23-A004505	Micro, NUT
TYLMI-20230313	Water	23-A004506	Micro, NUT
MONMN-20230313	Water	23-A004507	Micro, NUT
MONMS-20230313	Water	23-A004508	Micro, NUT
MONM-20230313	Water	23-A004509	Micro, NUT
TOSMI-20230313	Water	23-A004510	Micro, NUT
SEIMN-20230313	Water	23-A004511	Micro, NUT
COLM-20230313	Water	23-A004512	Micro, NUT
SEIMS-20230313	Water	23-A004513	Micro, NUT
QA133-20230313	Water	23-A004514	Micro, NUT

Your samples were received on Monday, March 13, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2328660
PO Number: 03-124

BACT = Bacteriological MET = Metals NUT=Nutrients MIN=Minerals
CONV = Conventionals ORG = Organics DEM=Demand

Am Test Inc.
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Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2328660
Project #: 14-05806-000
PO Number: 03-124
All results reported on an as received basis.

Date Received: 03/13/23
Date Reported: 3/27/23

AMTEST Identification Number **23-A004502**
Client Identification **COUMO-20230313**
Sampling Date **03/13/23, 07:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	930	CFU/100 ml		10	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.45	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.26	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.189	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004503**
Client Identification **COUMI-20230313**
Sampling Date **03/13/23, 07:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2000	CFU/100 ml		20	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	2.11	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.92	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.191	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004504**
Client Identification **TOSMO-20230313**
Sampling Date **03/13/23, 08:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1300	CFU/100 ml		20	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	2.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	2.49	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.279	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004505**
Client Identification **TYLMO-20230313**
Sampling Date **03/13/23, 08:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2600	CFU/100 ml		10	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.19	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.977	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.214	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004506**
Client Identification **TYLMI-20230313**
Sampling Date **03/13/23, 08:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	63.	CFU/100 ml		1	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.15	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.913	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.239	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004507**
Client Identification **MONMN-20230313**
Sampling Date **03/13/23, 10:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	19.	CFU/100 ml		1	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.25	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.04	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.208	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004508**
Client Identification **MONMS-20230313**
Sampling Date **03/13/23, 10:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	25.	CFU/100 ml		1	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	0.97	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.658	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.314	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004509**
Client Identification **MONM-20230313**
Sampling Date **03/13/23, 10:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	40.	CFU/100 ml		10	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.15	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.887	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.267	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004510**
Client Identification **TOSMI-20230313**
Sampling Date **03/13/23, 07:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2100	CFU/100 ml		20	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.71	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.55	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.157	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004511**
Client Identification **SEIMN-20230313**
Sampling Date **03/13/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	26.	CFU/100 ml		1	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.07	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.943	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.127	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004512**
Client Identification **COLM-20230313**
Sampling Date **03/13/23, 09:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	< 1	CFU/100 ml		1	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	0.62	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.555	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.070	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004513**
Client Identification **SEIMS-20230313**
Sampling Date **03/13/23, 09:30**

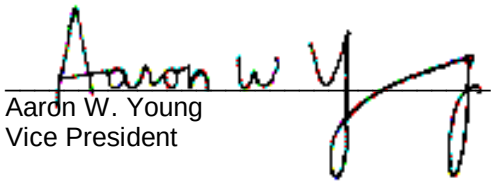
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	200	CFU/100 ml		20	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	1.86	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.62	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.240	mg/l		0.02	SM4500NO3	KO	03/22/23

AMTEST Identification Number **23-A004514**
Client Identification **QA133-20230313**
Sampling Date **03/13/23, 09:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	400	CFU/100 ml		20	SM 9222D	JM	03/13/23
Total Nitrogen (NOX&TKN)	2.18	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.92	mg/l		0.3	SM4500N	KO	03/24/23
Total Nitrate + Nitrite	0.256	mg/l		0.02	SM4500NO3	KO	03/22/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
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Professional Analytical Services

QC Summary for sample numbers: 23-A004502 to 23-A004514

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A004515	Fecal Coliform	CFU/100 ml	30.	10.	100
23-A004518	Fecal Coliform	CFU/100 ml	46.	34.	30.
23-A004439	Total Nitrogen (TKN)	mg/l	2.23	2.13	4.6
23-A004509	Total Nitrogen (TKN)	mg/l	0.887	1.07	19.
23-A004514	Total Nitrogen (TKN)	mg/l	1.92	2.04	6.1
23-A004641	Total Nitrogen (TKN)	mg/l	0.621	0.473	27.
23-A003474	Total Nitrate + Nitrite	mg/l	0.108	0.131	19.
23-A004255	Total Nitrate + Nitrite	mg/l	68.1	68.7	0.88
23-A004265	Total Nitrate + Nitrite	mg/l	0.042	0.036	15.
23-A004353	Total Nitrate + Nitrite	mg/l	0.595	0.586	1.5
23-A004374	Total Nitrate + Nitrite	mg/l	1.57	1.59	1.3
23-A004399	Total Nitrate + Nitrite	mg/l	0.034	0.036	5.7
23-A004404	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A004509	Total Nitrate + Nitrite	mg/l	0.267	0.269	0.75
23-A004514	Total Nitrate + Nitrite	mg/l	0.256	0.255	0.39
23-A004793	Total Nitrate + Nitrite	mg/l	0.109	0.104	4.7

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A004439	Total Nitrogen (TKN)	mg/l	2.23	12.5	10.0	102.70 %
23-A004509	Total Nitrogen (TKN)	mg/l	0.887	11.2	10.0	103.13 %
23-A004514	Total Nitrogen (TKN)	mg/l	1.92	12.2	10.0	102.80 %
23-A004641	Total Nitrogen (TKN)	mg/l	0.621	10.1	10.0	94.79 %
23-A003474	Total Nitrate + Nitrite	mg/l	0.108	1.05	1.00	94.20 %
23-A004255	Total Nitrate + Nitrite	mg/l	68.1	117.	50.0	97.80 %
23-A004265	Total Nitrate + Nitrite	mg/l	0.042	0.947	1.00	90.50 %
23-A004353	Total Nitrate + Nitrite	mg/l	0.595	9.50	10.0	89.05 %
23-A004374	Total Nitrate + Nitrite	mg/l	1.57	2.56	1.00	99.00 %
23-A004399	Total Nitrate + Nitrite	mg/l	0.034	0.976	1.00	94.20 %
23-A004404	Total Nitrate + Nitrite	mg/l	< 0.02	0.991	1.00	99.10 %
23-A004509	Total Nitrate + Nitrite	mg/l	0.267	1.26	1.00	99.30 %
23-A004514	Total Nitrate + Nitrite	mg/l	0.256	1.24	1.00	98.40 %
23-A004793	Total Nitrate + Nitrite	mg/l	0.109	1.08	1.00	97.10 %

QC Summary for sample numbers: 23-A004502 to 23-A004514...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.01	101. %
Total Nitrogen (TKN)	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	0.990	99.0 %
Total Nitrate + Nitrite	mg/l	1.00	0.982	98.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.989	98.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.959	95.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.980	98.0 %
Total Nitrate + Nitrite	mg/l	1.00	0.992	99.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.975	97.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.981	98.1 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-124

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230313 4502	3/13/23	7:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230313 4503	3/13/23	7:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230313 4504	3/13/23	8:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230313 4505	3/13/23	8:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230313 4506	3/13/23	8:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230313 4507	3/13/23	10:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230313 4508	3/13/23	10:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230313 4509	3/13/23	10:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230313 4510	3/13/23	7:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230313 4511	3/13/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OSE	3/13/23	12:42	
Received by: KH	Amtest	3/13/23	1242	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T = 5.8°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-124

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20230313 4512	3/13/23	9:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20230313 4513	3/13/23	9:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA133-20230313 ① ~~4514~~ 4514	3/13/23	9:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OSE	3/13/23	1242	
Received by: KH	AmTest	3/13/23	1242	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

① KH 3/13/23

T= 5.8°C

CHAIN OF CUSTODY

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 03-124

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	DOC	PAHs
1	COUMO-20230313	3/13/23	7:30	Water	~~11~~ 7	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		7:45	Water	~~11~~ 7	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		8:00	Water	~~11~~ 7	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		8:20	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		8:55	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		10:25	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		10:45	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		10:05	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		7:45	Water	~~11~~	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		8:50	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		9:40	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		9:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 133-20230313	↓	9:30	Water	7	X	X	X	X	X	X	X	X	X		

N/A

Relinquished by David Garcia Date 3/13/23 Received by _____ Date 3/13/23

Firm Herrera Env. Time 11:45 Firm ORE Time 1145

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 03-124

Initiated by: MV

Date Initiated: 3/13/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	3.1.1
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) Coliform will expire <24hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 03-124

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	N/A	
1	COUMO-2023 0313	3/13/23	7:30	Water	~~11~~ 7	x	x	x	x	x	x	x	x	x	x	x
2	COUMI-2023		7:45	Water	~~11~~ 7	x	x	x	x	x	x	x	x	x	x	x
3	TOSMO-2023		8:00	Water	~~11~~ 7	x	x	x	x	x	x	x	x	x	x	x
4	TYLMO-2023		8:20	Water	7	x	x	x	x	x	x	x	x	x		
5	TYLMI-2023		8:55	Water	7	x	x	x	x	x	x	x	x	x		
6	MONMN-2023		10:25	Water	7	x	x	x	x	x	x	x	x	x		
7	MONMS-2023		10:45	Water	7	x	x	x	x	x	x	x	x	x		
8	MONM-2023		10:05	Water	7	x	x	x	x	x	x	x	x	x		
9	TOSMI-2023		7:45	Water	~~11~~	x	x	x	x	x	x	x	x	x	x	x
10	SEIMN-2023		8:50	Water	7	x	x	x	x	x	x	x	x	x		
11	COLM-2023		9:40	Water	7	x	x	x	x	x	x	x	x	x		
12	SEIMS-2023		9:30	Water	7	x	x	x	x	x	x	x	x	x		
13	QA 133-20230313	↓	9:30	Water	7	x	x	x	x	x	x	x	x	x		

Relinquished by David Garcia Date 3/13/23 Received by _____ Date 3/13/23
Firm Herrera Env. Time 11:45 Firm ORE Time 1145

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D Garcia
Meter:	#1
Date/Time:	3/13/23 6:30am
Barometric Pressure Start of Day:	mmHg: 747.7 Time: 6:30am
Barometric Pressure End of Day:	mmHg: 760.2 Time: 13:05

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	4.8	0	19.3	
Conductivity (µS/cm)	953	1,000	20.3	
Conductivity (µS/cm)	105.5	100	20.5	
DO % Saturation	102.4	100	23	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	0.6	0	20.3	
Conductivity (µS/cm)	96.6	100	20.5	
DO % Saturation	93.1	100	19.8	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	O Garcia
Meter:	# 2
Date/Time:	3/13/23 6:55am
Barometric Pressure Start of Day:	mmHg: 747.7 Time: 6:55am
Barometric Pressure End of Day:	mmHg: 760.1 Time: 12:00pm

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	4.8	0	18.3	
Conductivity (µS/cm)	957	1,000	19.3	
Conductivity (µS/cm)	105.7	100	19.6	
DO % Saturation	101.5	100	22.4	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	0.3	0	20.7	
Conductivity (µS/cm)	98.1	100	21.9	
DO % Saturation	105.1	100	21.3	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Nikki VandePutte

Sample Date: 3/13/23 **Sample Time:** 7:45 PDT: ✓

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 42°F

Water Quality Sampling

Sample ID: TOSMI-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: semi turbid

Color: yellow/brown

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.1

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.6

Specific Conductivity (µs/cm) 88.0

Dissolved Oxygen (mg/L) 12.38

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Nikki VandeRutte

Sample Date: 3/13/23 **Sample Time:** 10:45 PDT: ✓

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 41°F

Water Quality Sampling

Sample ID: MONMS-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: none

Odor: none

Sheen: none

Floatables: minimal

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.3

Reference Point (description): water level detector

Water Quality Measurments

Temperature (°C) 5.3

Specific Conductivity (µs/cm) 167.1

Dissolved Oxygen (mg/L) 10.59

Dissolved Oxygen (%) 83.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Nikki VandePutte

Sample Date: 3/13/23 **Sample Time:** 10:25 PDT: ✓

Base Flow or Storm Event? PST:

Field filtered 5 minutes later (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 41°F

Water Quality Sampling

Sample ID: MONMN-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	none
Sheen:	none
Floatables:	minimal

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.45

Reference Point (description):

Water Quality Measurments

Temperature (°C) 5.0

Specific Conductivity (µs/cm) 102.2

Dissolved Oxygen (mg/L) 12.51

Dissolved Oxygen (%) 97.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Nikki VandePutte

Sample Date: 3/13/23 **Sample Time:** 9:40 PDT: ✓ PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 40°F

Water Quality Sampling

Sample ID: COLM-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	good
Color:	yellowish
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.72

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.5

Specific Conductivity (µs/cm) 849

Dissolved Oxygen (mg/L) 12.16

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Nikki Vandeputte

Sample Date: 3/13/23 **Sample Time:** 8:50 PDT: ✓

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Water Quality Sampling

Sample ID: SEIMN20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	good
Color:	yellow
Odor:	none
Sheen:	none
Floatables:	minimal

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Current Weather and Temp: rain 41°F

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.55

Reference Point (description): top of bolt

Water Quality Measurments

Temperature (°C) 4.7

Specific Conductivity (µs/cm) 59.7

Dissolved Oxygen (mg/L) 12.78

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Van Orden, O'Connor Lenth

Sample Date: 3/13/23 **Sample Time:** 10:05 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MoNM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Light rain, 42°F

Water Quality Sampling

Sample ID: MONM-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Lightly turbid

Color: brown

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.1

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 138.4

Dissolved Oxygen (mg/L) 12.10

Dissolved Oxygen (%) 98.3

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & M. O'Connor Leuth

Sample Date: 3/13/23 **Sample Time:** 7:30 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 43°F, Heavy rain

Water Quality Sampling

Sample ID: COUMO - 20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Turbid

Color: Brown

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.6

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 78.2

Dissolved Oxygen (mg/L) 11.55

Dissolved Oxygen (%) 94.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & M. O'Connor (with Leith)

Sample Date: 3/13/23 **Sample Time:** 7:45 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COUNT

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 43°F, Heavy Rain

Water Quality Sampling

Sample ID: COUNT-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Turbid

Color: Brown

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.5

Specific Conductivity (µs/cm) 99.3

Dissolved Oxygen (mg/L) 11.86

Dissolved Oxygen (%) 96.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Van Orden, O'Connor Lenth

Sample Date: 3/13/23 **Sample Time:** 8:00 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Heavy rain, 42°F

Water Quality Sampling

Sample ID: TOSMO-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Turbid
Color: Brown
Odor: None
Sheen: None
Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.85

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.9

Specific Conductivity (µs/cm) 103

Dissolved Oxygen (mg/L) 11.75

Dissolved Oxygen (%) 96.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Van Orden & O'Connor Lenth

Sample Date: 3/13/23 **Sample Time:** 8:20 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Heavy rain, 42° F

Water Quality Sampling

Sample ID: TYLMO-20230813

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Turbid
Color:	Brown
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.60

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 65.2

Dissolved Oxygen (mg/L) 11.88

Dissolved Oxygen (%) 96.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Van Orden, O'Connor Leuth

Sample Date: 3/13/23 **Sample Time:** 8:55 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Light ~~Heavy~~ rain, 42°F

Water Quality Sampling

Sample ID: TYLMI-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Turbid

Color: Brown

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.4

Reference Point (description):

Water Quality Measurments

Temperature (°C) 5.7

Specific Conductivity (µs/cm) ~~113.0~~

Dissolved Oxygen (mg/L) 11.62

Dissolved Oxygen (%) 92.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Van Orden, O'Connor Lenth

Sample Date: 3/13/23 **Sample Time:** 9:30 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: ~~Heavy~~ light rain, 42°F

Water Quality Sampling

Sample ID: SEIMS-20230313

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Turbid

Color: Brown

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.0

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 73.5

Dissolved Oxygen (mg/L) 11.48

Dissolved Oxygen (%) 92.2

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn / AmTest: Total nitrogen, fecal coliform bacteria

Checked: initials JL

Sample Date/Sample ID: 3/13/23 /All locations, QA133 (SEIMS) Lab Ref No 2303-124

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	111	**±20**	10	**≤ 25**	15	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	1	**≤ 25**	4	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	5	**≤180**	≤1.0 mg/L 1.0 mg/L	99, 98	**±25**	97	**±15**	1 MS 1	**≤ 20**	3	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	1	**≤28**	≤1.0 mg/L 1.0 mg/L	96	**±25**	104	**±15**	3	**≤ 20**	2	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	7	**≤28**	≤0.01 mg/L 0.01 mg/L	90	**±25**	90	**±20**	D=0.001	**≤ 20**	7	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	2, 4	**≤28**	≤0.1 mg/L 0.1 mg/L	89-103	**±25**	96-101	**±20**	NC, <1-19 D=0-0.2	**≤ 20**	17, 6	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn / AmTest: Total nitrogen, fecal coliform bacteria

Checked: initials JL

Sample Date/Sample ID: 3/13/23 /All locations, QA133 (SEIMS) Lab Ref No 2303-124

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	7	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 92	**±25**	NR	**±15**	D=0.1 MS <1	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	7	**≤180**	≤5.0 µg/L 5.0 µg/L	88, 88	**±25**	NR	**±15**	D=0.4 MS <1	**≤ 20**	D=0.2	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	7	**≤180**	≤1.0 µg/L 1.0 µg/L	95, 95	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	7	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 95	**±25**	NR	**±15**	NC MS 2	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	100, 30	**≤ 35**	67	**≤ 50**	OK	FLAG SEIMS J DUE TO FIELD DUPE EXCEEDANCE NO FLAG FOR BATCH LAB DUPE EXCEEDANCE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 30, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2304-066

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on April 6, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

Case Narrative

Samples were collected on April 6, 2023 and received by the laboratory on April 6, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Total Suspended Solids	**21**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Total Suspended Solids	**9.4**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Total Suspended Solids	**6.0**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Total Suspended Solids	**4.2**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Total Suspended Solids	**7.2**	1.0	SM 2540D	4-7-23	4-7-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Total Suspended Solids	**15**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Total Suspended Solids	**15**	1.0	SM 2540D	4-7-23	4-7-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Total Suspended Solids	**130**	1.0	SM 2540D	4-7-23	4-7-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0407W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-7-23	4-7-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-066-07								
	ORIG	DUP							
Total Suspended Solids	**6.00**	**5.20**	NA	NA	NA	NA	14	25	
SPIKE BLANK									
Laboratory ID:	SB0407W1								
	SB		SB		SB				
Total Suspended Solids	**86.0**		100	NA	86	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Turbidity	**3.2**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Turbidity	**8.9**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Turbidity	**2.4**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Turbidity	**2.3**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Turbidity	**2.0**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Turbidity	**1.8**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Turbidity	**2.1**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Turbidity	**2.0**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Turbidity	**4.8**	0.10	EPA 180.1	4-7-23	4-7-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Turbidity	**4.5**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Turbidity	**0.35**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Turbidity	**5.6**	0.10	EPA 180.1	4-7-23	4-7-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Turbidity	**17**	0.10	EPA 180.1	4-7-23	4-7-23	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0407W1					
Turbidity	**ND**	0.10	EPA 180.1	4-7-23	4-7-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-066-01								
	ORIG	DUP							
Turbidity	**3.15**	**2.88**	NA	NA	NA	NA	9	18	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Hardness	**60**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Hardness	**47**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Hardness	**63**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Hardness	**18**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Hardness	**15**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Hardness	**35**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0411WH4					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	4-11-23	3-11-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-066-12										
	ORIG	DUP									
Hardness	**34.8**	**36.3**	NA		NA	NA		NA	4	20	
MATRIX SPIKES											
Laboratory ID:	04-066-12										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**171**	**168**	132	132	34.8	103	101	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB0411WH4										
	SB		SB			SB					
Hardness	**141**		132		NA	107		85-115	NA	NA	

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Date of Report: May 30, 2023
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Laboratory Reference: 2304-066
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Dissolved Organic Carbon	**3.8**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Dissolved Organic Carbon	**5.4**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Dissolved Organic Carbon	**7.8**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Dissolved Organic Carbon	**6.7**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Dissolved Organic Carbon	**4.3**	1.0	SM 5310B	4-19-23	4-19-23	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Dissolved Organic Carbon	**10**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Dissolved Organic Carbon	**10**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	4-19-23	4-19-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Dissolved Organic Carbon	**3.8**	1.0	SM 5310B	4-19-23	4-19-23	

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Date of Report: May 30, 2023
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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0419D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	4-19-23	4-19-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-066-01								
	ORIG	DUP							
Dissolved Organic Carbon	**4.45**	**4.36**	NA	NA	NA	NA	2	15	
MATRIX SPIKE									
Laboratory ID:	04-066-01								
	MS		MS		MS				
Dissolved Organic Carbon	**14.4**		10.0	4.45	100	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0419D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.73**		10.0	NA	97	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Total Phosphorus	**0.025**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Total Phosphorus	**0.050**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Total Phosphorus	**0.029**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Total Phosphorus	**0.012**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Total Phosphorus	**ND**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Total Phosphorus	**ND**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Total Phosphorus	**0.018**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Total Phosphorus	**0.011**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Total Phosphorus	**0.038**	0.010	EPA 365.1	4-14-23	4-17-23	

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Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Total Phosphorus	**0.024**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Total Phosphorus	**0.017**	0.010	EPA 365.1	4-14-23	4-17-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Total Phosphorus	**0.028**	0.010	EPA 365.1	4-14-23	4-17-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0414W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	4-14-23	4-17-23	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	04-128-01							
	ORIG DUP							
Total Phosphorus	**ND** **ND**	NA	NA	NA	NA	NA	20	
MATRIX SPIKE								
Laboratory ID:	04-128-01							
	MS	MS		MS				
Total Phosphorus	**0.216**	0.250	ND	86	82-111	NA	NA	
SPIKE BLANK								
Laboratory ID:	SB0414W1							
	SB	SB		SB				
Total Phosphorus	**0.217**	0.250	NA	87	78-110	NA	NA	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Copper	**1.2**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**12**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Copper	**1.3**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**15**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Copper	**2.0**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**72**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Copper	**2.3**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**6.7**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Copper	**2.0**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**8.2**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Copper	**1.3**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**13**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Copper	**2.1**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**9.8**	5.0	EPA 200.8	4-11-23	4-12-23	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Copper	**1.2**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**18**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Copper	**2.4**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**65**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Copper	**1.4**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**ND**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Copper	**ND**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**ND**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Copper	**ND**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**ND**	5.0	EPA 200.8	4-11-23	4-12-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Copper	**2.0**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**55**	5.0	EPA 200.8	4-11-23	4-12-23	

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Date of Report: May 30, 2023
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Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0411WH2					
Copper	**ND**	1.0	EPA 200.8	4-11-23	4-12-23	
Zinc	**ND**	5.0	EPA 200.8	4-11-23	4-12-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-066-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	04-066-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**91.4**	**96.0**	100	100	ND	**91**	**96**	75-125	5	20	
Zinc	**97.4**	**104**	100	100	ND	**97**	**104**	75-125	7	20	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**10**	5.0	EPA 200.8		4-12-23	
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**6.4**	5.0	EPA 200.8		4-12-23	
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Copper	**1.1**	1.0	EPA 200.8		4-12-23	
Zinc	**28**	5.0	EPA 200.8		4-12-23	
Client ID:	**TYLMO-20230406**					
Laboratory ID:	04-066-04					
Copper	**2.0**	1.0	EPA 200.8		4-12-23	
Zinc	**5.4**	5.0	EPA 200.8		4-12-23	
Client ID:	**TYLMI-20230406**					
Laboratory ID:	04-066-05					
Copper	**1.6**	1.0	EPA 200.8		4-12-23	
Zinc	**6.9**	5.0	EPA 200.8		4-12-23	
Client ID:	**MONMN-20230406**					
Laboratory ID:	04-066-06					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**12**	5.0	EPA 200.8		4-12-23	
Client ID:	**MONMS-20230406**					
Laboratory ID:	04-066-07					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**ND**	5.0	EPA 200.8		4-12-23	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230406**					
Laboratory ID:	04-066-08					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**13**	5.0	EPA 200.8		4-12-23	
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Copper	**1.7**	1.0	EPA 200.8		4-12-23	
Zinc	**43**	5.0	EPA 200.8		4-12-23	
Client ID:	**SEIMN-20230406**					
Laboratory ID:	04-066-10					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**ND**	5.0	EPA 200.8		4-12-23	
Client ID:	**COLM-20230406**					
Laboratory ID:	04-066-11					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**ND**	5.0	EPA 200.8		4-12-23	
Client ID:	**SEIMS-20230406**					
Laboratory ID:	04-066-12					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**ND**	5.0	EPA 200.8		4-12-23	
Client ID:	**QA134-20230406**					
Laboratory ID:	04-066-13					
Copper	**1.0**	1.0	EPA 200.8		4-12-23	
Zinc	**28**	5.0	EPA 200.8		4-12-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0412D1					
Copper	**ND**	1.0	EPA 200.8		4-12-23	
Zinc	**ND**	5.0	EPA 200.8		4-12-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-066-13										
	ORIG	DUP									
Copper	**1.03**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**28.2**	**28.4**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	04-066-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**76.4**	**75.6**	80.0	80.0	1.03	**94**	**93**	75-125	1	20	
Zinc	**111**	**110**	80.0	80.0	28.2	**103**	**103**	75-125	0	20	

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230406**					
Laboratory ID:	04-066-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*77*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230406**					
Laboratory ID:	04-066-02					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*51*	*20 - 106*				
Pyrene-d10	*64*	*19 - 104*				
Terphenyl-d14	*66*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230406**					
Laboratory ID:	04-066-03					
Naphthalene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
2-Methylnaphthalene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
1-Methylnaphthalene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthylene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Fluorene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Phenanthrene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Anthracene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Fluoranthene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Pyrene	**ND**	0.095	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]anthracene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Chrysene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[b]fluoranthene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]pyrene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Dibenz[a,h]anthracene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[g,h,i]perylene	**ND**	0.0095	EPA 8270E/SIM	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230406**					
Laboratory ID:	04-066-09					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*87*	*19 - 104*				
Terphenyl-d14	*83*	*41 - 127*				

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0410W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	4-10-23	4-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*79*	*20 - 106*				
Pyrene-d10	*98*	*19 - 104*				
Terphenyl-d14	*84*	*41 - 127*				

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Date of Report: May 30, 2023
Samples Submitted: April 6, 2023
Laboratory Reference: 2304-066
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0410W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.334**	**0.291**	0.500	0.500	67	58	25 - 82	14	39	
Acenaphthylene	**0.377**	**0.335**	0.500	0.500	75	67	35 - 107	12	26	
Acenaphthene	**0.356**	**0.323**	0.500	0.500	71	65	33 - 99	10	26	
Fluorene	**0.428**	**0.401**	0.500	0.500	86	80	43 - 95	7	24	
Phenanthrene	**0.474**	**0.467**	0.500	0.500	95	93	49 - 100	1	20	
Anthracene	**0.378**	**0.373**	0.500	0.500	76	75	47 - 101	1	21	
Fluoranthene	**0.431**	**0.472**	0.500	0.500	86	94	51 - 115	9	23	
Pyrene	**0.434**	**0.453**	0.500	0.500	87	91	53 - 117	4	24	
Benzo[a]anthracene	**0.411**	**0.411**	0.500	0.500	82	82	57 - 114	0	21	
Chrysene	**0.384**	**0.380**	0.500	0.500	77	76	55 - 119	1	21	
Benzo[b]fluoranthene	**0.397**	**0.386**	0.500	0.500	79	77	56 - 125	3	26	
Benzo(j,k)fluoranthene	**0.414**	**0.422**	0.500	0.500	83	84	53 - 124	2	22	
Benzo[a]pyrene	**0.413**	**0.406**	0.500	0.500	83	81	54 - 119	2	22	
Indeno(1,2,3-c,d)pyrene	**0.459**	**0.441**	0.500	0.500	92	88	55 - 118	4	23	
Dibenz[a,h]anthracene	**0.425**	**0.422**	0.500	0.500	85	84	56 - 118	1	23	
Benzo[g,h,i]perylene	**0.402**	**0.404**	0.500	0.500	80	81	55 - 117	0	22	
Surrogate:										
2-Fluorobiphenyl					*61*	*53*	*20 - 106*			
Pyrene-d10					*84*	*82*	*19 - 104*			
Terphenyl-d14					*71*	*73*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Apr 26 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230406	Water	23-A006429	Micro, NUT
COUMI-20230406	Water	23-A006430	Micro, NUT
TOSMO-20230406	Water	23-A006431	Micro, NUT
TYLMO-20230406	Water	23-A006432	Micro, NUT
TYLMI-20230406	Water	23-A006433	Micro, NUT
MONMN-20230406	Water	23-A006434	Micro, NUT
MONMS-20230406	Water	23-A006435	Micro, NUT
MONM-20230406	Water	23-A006436	Micro, NUT
TOSMI-20230406	Water	23-A006437	Micro, NUT
SEIMN-20230406	Water	23-A006438	Micro, NUT
COLM-20230406	Water	23-A006439	Micro, NUT
SEIMS-20230406	Water	23-A006440	Micro, NUT
QA134-20230406	Water	23-A006441	Micro, NUT

Your samples were received on Friday, April 7, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2329060

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Mineral

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2329060
Project #: 14-05806-000
PO Number: 04-066
All results reported on an as received basis.

Date Received: 04/07/23
Date Reported: 4/26/23

AMTEST Identification Number **23-A006429**
Client Identification **COUMO-20230406**
Sampling Date **04/06/23, 12:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	30.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.86	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.450	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.413	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006430**
Client Identification **COUMI-20230406**
Sampling Date **04/06/23, 13:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	21.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.84	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.543	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.295	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006431**
Client Identification **TOSMO-20230406**
Sampling Date **04/06/23, 14:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	26.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.97	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.404	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.563	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006432**
Client Identification **TYLMO-20230406**
Sampling Date **04/06/23, 14:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	140	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.87	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.491	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.379	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006433**
Client Identification **TYLMI-20230406**
Sampling Date **04/06/23, 15:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	40.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.81	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.642	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.171	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006434**
Client Identification **MONMN-20230406**
Sampling Date **04/06/23, 15:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	4.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.61	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.412	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.202	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006435**
Client Identification **MONMS-20230406**
Sampling Date **04/06/23, 15:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.80	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.593	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.205	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006436**
Client Identification **MONM-20230406**
Sampling Date **04/06/23, 15:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.61	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.444	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.165	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006437**
Client Identification **TOSMI-20230406**
Sampling Date **04/06/23, 12:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	1.34	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.492	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.846	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006438**
Client Identification **SEIMN-20230406**
Sampling Date **04/06/23, 14:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	25.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.69	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.553	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.134	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006439**
Client Identification **COLM-20230406**
Sampling Date **04/06/23, 14:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.543	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.061	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006440**
Client Identification **SEIMS-20230406**
Sampling Date **04/06/23, 15:40**

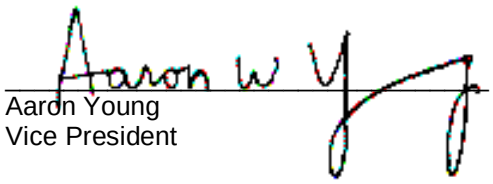
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	4.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.554	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.202	mg/l		0.02	SM4500NO3	AE	04/24/23

AMTEST Identification Number **23-A006441**
Client Identification **QA134-20230406**
Sampling Date **04/06/23, 14:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	22.	CFU/100 ml		1	SM 9222D	JM	04/07/23
Total Nitrogen (NOX&TKN)	0.87	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.313	mg/l		0.3	SM4500N	AE	04/25/23
Total Nitrate + Nitrite	0.561	mg/l		0.02	SM4500NO3	AE	04/24/23



Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A006429 to 23-A006441

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A006430	Fecal Coliform	CFU/100 ml	21.	25.	17.
23-A006443	Fecal Coliform	CFU/100 ml	7.	14.	67.
23-A006433	Total Nitrogen (TKN)	mg/l	0.642	0.589	8.6
23-A006457	Total Nitrogen (TKN)	mg/l	21.1	22.0	4.2
23-A006687	Total Nitrogen (TKN)	mg/l	30.0	30.0	0.00
23-A006715	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A006751	Total Nitrogen (TKN)	mg/l	0.348	0.359	3.1
23-A006254	Total Nitrate + Nitrite	mg/l	0.068	0.068	0.00
23-A006288	Total Nitrate + Nitrite	mg/l	0.324	0.326	0.62
23-A006298	Total Nitrate + Nitrite	mg/l	0.060	0.059	1.7
23-A006371	Total Nitrate + Nitrite	mg/l	0.272	0.266	2.2
23-A006433	Total Nitrate + Nitrite	mg/l	0.171	0.170	0.59
23-A006446	Total Nitrate + Nitrite	mg/l	0.317	0.319	0.63
23-A006669	Total Nitrate + Nitrite	mg/l	11.2	11.2	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A006433	Total Nitrogen (TKN)	mg/l	0.642	2.82	2.00	108.90 %
23-A006457	Total Nitrogen (TKN)	mg/l	21.1	43.2	20.0	110.50 %
23-A006687	Total Nitrogen (TKN)	mg/l	30.0	52.3	20.0	111.50 %
23-A006715	Total Nitrogen (TKN)	mg/l	< 0.3	2.53	2.00	126.50 %
23-A006751	Total Nitrogen (TKN)	mg/l	0.348	2.65	2.00	115.10 %
23-A006254	Total Nitrate + Nitrite	mg/l	0.068	1.02	1.00	95.20 %
23-A006288	Total Nitrate + Nitrite	mg/l	0.324	1.28	1.00	95.60 %
23-A006298	Total Nitrate + Nitrite	mg/l	0.060	1.02	1.00	96.00 %
23-A006371	Total Nitrate + Nitrite	mg/l	0.272	1.43	1.00	115.80 %
23-A006433	Total Nitrate + Nitrite	mg/l	0.171	1.13	1.00	95.90 %
23-A006446	Total Nitrate + Nitrite	mg/l	0.317	1.28	1.00	96.30 %
23-A006669	Total Nitrate + Nitrite	mg/l	11.2	20.9	10.0	97.00 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.04	104. %
Total Nitrogen (TKN)	mg/l	1.00	1.05	105. %
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %

QC Summary for sample numbers: 23-A006429 to 23-A006441...

STANDARD REFERENCE MATERIALS continued....

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-066

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425,) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230406 6429	4/6/23	12:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230406 6430	4/6/23	13:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230406 6431	4/6/23	14:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230406 6432	4/6/23	14:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230406 6433	4/6/23	15:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230406 6434	4/6/23	15:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230406 6435	4/6/23	15:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230406 6436	4/6/23	15:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230406 6437	4/6/23	12:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230406 6438	4/6/23	14:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/7/23	9:45	T=5.1°C
Received by: KH	Amtest	4/7/23	945	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-066

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20230406 6439	4/6/23	14:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20230406 6440	4/6/23	15:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA134-20230406 6441	4/6/23	14:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/7/23	945	5.1°C
Received by: KH	Am Test	4/7/23	945	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 24-066

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230406	4/6/2023	12:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230406		13:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230406		14:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230406		14:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230406		15:05	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230406		15:~~55~~15	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230406		15:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230406		15:55	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230406		12:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230406		14:00	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230406		14:30	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230406		15:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA134-20230406		14:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Meaghan O'Connor Date 4/6/23 Received by _____ Date 4/6/23

Firm Herrera Environmental Time 4:30 Firm OSE Time 1630

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 04-066

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0406	4/6/2023	12:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0406		13:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0406		14:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0406		14:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0406		15:05	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0406		15:~~55~~15	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0406		15:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0406		15:55	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0406		12:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0406		14:00	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0406		14:30	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0406		15:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA134-20230406	↓	14:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Meaghan O'Connor Date 4/6/23 Received by _____ Date 4/6/23

Firm Herrera Environmental Time 4:30 Firm OSE Time 1630

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	NSKV. VandePutte
Meter:	Pro DSS #2
Date/Time:	3/21/23 10:00
Barometric Pressure Start of Day:	mmHg: 758.6 Time: 10:05
Barometric Pressure End of Day:	mmHg: Time:

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	5.2	0	20.1	
Conductivity (µS/cm)	952	1,000	21.2	
Conductivity (µS/cm)	104.7	100	20.8	
DO % Saturation	98.6	100	20.3	
	98.1			

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	0.7	0	19.4	
Conductivity (µS/cm)	97.2	100	20.6	
DO % Saturation	94.0	100	20.0	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	Nikki VandePutte
Meter:	Pro DSS #1
Date/Time:	3/21/23 Braso 10:00
Barometric Pressure Start of Day:	mmHg: 758.2 Time: 10:30
Barometric Pressure End of Day:	mmHg: Time:

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.7	0	21.3	
Conductivity (µS/cm)	954	1,000	22.4	
Conductivity (µS/cm)	107.5	100	22.1	
DO % Saturation	98.8	100	21.3	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	0.9	0	20.6	
Conductivity (µS/cm)	98.2	100	21.4	
DO % Saturation	101.0	100	21.3	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki VandePutte, Meaghan O'Connor Lenth

Sample Date: 4/6/23 **Sample Time:** 14:10 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 55°

Water Quality Sampling

Sample ID: TOSMO-20230406

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Yes
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	2	NA	NO
PAH's	Amber Glass	1L	2	NA	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA134-20230406

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color: none
Odor: none
Sheen: none
Floatables: minimal

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1 ✓
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.59

Reference Point (description):

Water Quality Measurments

Temperature (°C) 9.5

Specific Conductivity (µs/cm) 258.7

Dissolved Oxygen (mg/L) 11.59

Dissolved Oxygen (%) 101.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki, VandeButte, Meaghan O'connor Lenth

Sample Date: 4/6/23 **Sample Time:** 13:55 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COUMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 55°

Water Quality Sampling

Sample ID: COUMI - 20230406

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: good

Color: yellowish

Odor: none

Sheen: none

Floatables: some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.60

Reference Point (description):

Water Quality Measurments

Temperature (°C) 8.7

Specific Conductivity (µs/cm) 269.9

Dissolved Oxygen (mg/L) 11.53

Dissolved Oxygen (%) 99.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki VanderPutte, Meaghan O'Connor Lenth

Sample Date: 4/6/23 **Sample Time:** 15:40 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:

(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 55°

Water Quality Sampling

Sample ID: SEIMS-20230406

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	clear
Odor:	none
Sheen:	none
Floatables:	none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 ✓
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.93

Reference Point (description):

Water Quality Measurments

Temperature (°C) 8.0

Specific Conductivity (µs/cm) 90.2

Dissolved Oxygen (mg/L) 11.47

Dissolved Oxygen (%) 96.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki VandeRutte, Meaghan O'Connor Lenth

Sample Date: 4/6/23 **Sample Time:** 15:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain 55°

Water Quality Sampling

Sample ID: TYLMI-20230406

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: brownish

Odor: natural gas

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.8

Reference Point (description): Top down culvert

Water Quality Measurments

Temperature (°C) ~~9.7~~ 9.1

Specific Conductivity (µs/cm) 151.1

Dissolved Oxygen (mg/L) 11.19

Dissolved Oxygen (%) 97.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki VanderRotte, Meaghan O'Connor Lenth

Sample Date: 4/6/23 **Sample Time:** 14:50 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain 55°

Water Quality Sampling

Sample ID: TYLMO-20230406

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor: none

Sheen: none

Floatables: minimal

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO initials:

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description): from top of culvert

Water Quality Measurments

Temperature (°C) 9.4

Specific Conductivity (µs/cm) 1602.9

Dissolved Oxygen (mg/L) 11.75

Dissolved Oxygen (%) 102.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki VandeBotte, Meaghan O'Connor Lenth

Sample Date: 4/6/23 **Sample Time:** 12:25 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: COMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Drizzle 55°

Water Quality Sampling

Sample ID: COMO-20230406

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: yellowish

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.40

Reference Point (description):

Water Quality Measurments

Temperature (°C) 8.60

Specific Conductivity (µs/cm) 256.2

Dissolved Oxygen (mg/L) 11.605

Dissolved Oxygen (%) 99.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: JF, CS

Sample Date: 07/06/23 **Sample Time:** 15:15 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:

(Must filter within 15 minutes of collection)

SITE ID: MONMN040623

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 50° rain

Water Quality Sampling

Sample ID: ~~040623~~ MONMN

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: CUGM

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.31

Reference Point (description): S6

Water Quality Measurments

Temperature (°C) 7.5

Specific Conductivity (µs/cm) 132.1

Dissolved Oxygen (mg/L) 12.07

Dissolved Oxygen (%) 100.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, CS

Sample Date: 04/06/23 **Sample Time:** 14:30 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM 20230406

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 50° rain

Water Quality Sampling

Sample ID: COLM 040623

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	~
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.76

Reference Point (description): 5.76

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 93.8

Dissolved Oxygen (mg/L) 11.65

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, CS

Sample Date: 04/06/23 **Sample Time:** 14:00 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN2023 040623

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Water Quality Sampling

Sample ID: SEIMN040623

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:
Color:
Odor:
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): measure from bottom

Reference Point (description): 0.61

Water Quality Measurments

Temperature (°C) 5.9

Specific Conductivity (µs/cm) 55.8

Dissolved Oxygen (mg/L) 12.61

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, CS

Sample Date: 4/6/23 **Sample Time:** 12:40 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1 2023 040623 ~~23~~

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 50° light rain

HERRERA

Water Quality Sampling

Sample ID: TOSM1

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.84

Reference Point (description): S6

Water Quality Measurments

Temperature (°C) 8.2

Specific Conductivity (µs/cm) 267.8

Dissolved Oxygen (mg/L) 11.97

Dissolved Oxygen (%) 101.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF / CS

Sample Date: 04/06/23 **Sample Time:** 15:55 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: MONMO 2023 0623

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID: MONM

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Non
Color:
Odor:
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**
Date Checked: **Time:**
Data Entered into Database? YES NO **initials:**
Date Entered: **Time:**
Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 56

Reference Point (description): 2.04

Water Quality Measurments

Temperature (°C) 8.1

Specific Conductivity (µs/cm) 161.2

Dissolved Oxygen (mg/L) 12.1

Dissolved Oxygen (%) 102.4

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TP, CS

Sample Date: 04/06/23 **Sample Time:** 15:30 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y / N
(Must filter within 15 minutes of collection)

SITE ID: MONMS 20230406 ~~23~~

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 50° rain

Water Quality Sampling

Sample ID: MONMS

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.21

Reference Point (description): top of ~~SCC~~ vault

Water Quality Measurments

Temperature (°C) 5.9

Specific Conductivity (µs/cm) 258.6

Dissolved Oxygen (mg/L) 10.00

Dissolved Oxygen (%) 86.2

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/6/23 /All locations, QA134 (TOSMO) Lab Ref No 2304-066

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	86	**±20**	14	**≤ 25**	173	**≤ 25**	OK	FLAG TOSMO J DUE TO HIGH FIELD DUPE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	9	**≤ 25**	151	**≤ 25**	OK	FLAG TOSMO J DUE TO HIGH FIELD DUPE
Hardness	OK / SM 2340B	NA	**NA**	5	**≤180**	≤1.0 mg/L 1.0 mg/L	103, 101	**±25**	107	**±15**	4 MS 2	**≤ 20**	10	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	13	**≤28**	≤1.0 mg/L 1.0 mg/L	100	**±25**	97	**±15**	D=0.1	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	11	**≤28**	≤0.01 mg/L 0.01 mg/L	86	**±25**	87	**±20**	NC	**≤ 20**	D=0.001	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	18, 19	**≤28**	≤0.1 mg/L 0.1 mg/L	95-127	**±25**	102-106	**±20**	<1-4 D-0-0.05	**≤ 20**	<1, D=0.09	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/6/23 /All locations, QA134 (TOSMO) Lab Ref No 2304-066

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	91, 96	**±25**	NR	**±15**	NC MS 5	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	97, 104	**±25**	NR	**±15**	NC MS 7	**≤ 20**	27	**≤ 20**	OK	FLAG TOSMO J DUE TO FIELD DUPE EXCEEDANCE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	94, 93	**±25**	NR	**±15**	NC MS 1	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	103, 103	**±25**	NR	**±15**	1 MS 0	**≤ 20**	<1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	17, 67	**≤ 35**	17	**≤ 50**	OK	NO FLAG FOR HIGH LAB DUPE, BATCH SAMPLE AND OTHER DUPES OK
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED UPON RECEIPT OF RESULTS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 51-89	**19-127[4]**	58-95	**25-125[4]**	<1-4, D=0.01-0.04	**<21-39[4]**	NC	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 4, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2304-245

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on April 21, 2023.

Please note that the data for the subcontracted analyses will follow in the final report.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

Case Narrative

Samples were collected on April 20, 2023 and received by the laboratory on April 21, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Total Suspended Solids	**46**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Total Suspended Solids	**75**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Total Suspended Solids	**140**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Total Suspended Solids	**64**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Total Suspended Solids	**6.6**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Total Suspended Solids	**4.4**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Total Suspended Solids	**14**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Total Suspended Solids	**9.8**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Total Suspended Solids	**93**	1.0	SM 2540D	4-25-23	4-25-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Total Suspended Solids	**11**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Total Suspended Solids	**27**	1.0	SM 2540D	4-25-23	4-25-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Total Suspended Solids	**28**	1.0	SM 2540D	4-25-23	4-25-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0425W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-25-23	4-25-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-245-09								
	ORIG	DUP							
Total Suspended Solids	**92.6**	**99.8**	NA	NA	NA	NA	7	25	
SPIKE BLANK									
Laboratory ID:	SB0425W1								
	SB		SB		SB				
Total Suspended Solids	**85.0**		100	NA	85	67-112	NA	NA	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Turbidity	**16**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Turbidity	**28**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Turbidity	**11**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Turbidity	**37**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Turbidity	**3.3**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Turbidity	**2.2**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Turbidity	**3.3**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Turbidity	**5.5**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Turbidity	**42**	0.10	EPA 180.1	4-21-23	4-21-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Turbidity	**3.6**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Turbidity	**0.82**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Turbidity	**14**	0.10	EPA 180.1	4-21-23	4-21-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Turbidity	**12**	0.10	EPA 180.1	4-21-23	4-21-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0421W1					
Turbidity	**ND**	0.10	EPA 180.1	4-21-23	4-21-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-245-01								
	ORIG	DUP							
Turbidity	**16.4**	**19.8**	NA	NA	NA	NA	19	20	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Hardness	**68**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Hardness	**96**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Hardness	**80**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Hardness	**22**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Hardness	**16**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Hardness	**44**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Hardness	**41**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0426WH3					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	4-26-23	4-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-245-12										
	ORIG	DUP									
Hardness	**44.4**	**43.3**	NA		NA	NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	04-245-12										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**161**	**172**	132	132	44.4	88	97	75-125	7	20	
SPIKE BLANK											
Laboratory ID:	SB0426WH3										
	SB		SB			SB					
Hardness	**137**		132		NA	104		85-115	NA	NA	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Dissolved Organic Carbon	**3.9**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Dissolved Organic Carbon	**3.8**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Dissolved Organic Carbon	**3.0**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Dissolved Organic Carbon	**6.1**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Dissolved Organic Carbon	**7.7**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Dissolved Organic Carbon	**6.1**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Dissolved Organic Carbon	**3.1**	1.0	SM 5310B	5-3-23	5-3-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Dissolved Organic Carbon	**7.4**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Dissolved Organic Carbon	**10**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Dissolved Organic Carbon	**5.4**	1.0	SM 5310B	5-3-23	5-3-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0503D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	5-3-23	5-3-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-245-01								
	ORIG	DUP							
Dissolved Organic Carbon	**3.92**	**4.04**	NA	NA	NA	NA	3	14	
MATRIX SPIKE									
Laboratory ID:	04-245-01								
	MS		MS		MS				
Dissolved Organic Carbon	**14.0**		10.0	3.92	101	82-123	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0503D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.4**		10.0	NA	104	89-122	NA	NA	

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Laboratory Reference: 2304-245
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Total Phosphorus	**0.18**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Total Phosphorus	**0.21**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Total Phosphorus	**0.22**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Total Phosphorus	**0.17**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Total Phosphorus	**0.021**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Total Phosphorus	**0.025**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Total Phosphorus	**0.23**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Total Phosphorus	**0.033**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Total Phosphorus	**0.17**	0.010	EPA 365.1	4-26-23	4-26-23	

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Total Phosphorus	**0.036**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Total Phosphorus	**0.053**	0.010	EPA 365.1	4-26-23	4-26-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Total Phosphorus	**0.043**	0.010	EPA 365.1	4-26-23	4-26-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0425W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	4-26-23	4-26-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-245-01								
	ORIG	DUP							
Total Phosphorus	**0.175**	**0.172**	NA	NA	NA	NA	2	20	
MATRIX SPIKE									
Laboratory ID:	04-245-01								
	MS		MS		MS				
Total Phosphorus	**0.404**		0.250	0.175	92	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0425W1								
	SB		SB		SB				
Total Phosphorus	**0.244**		0.250	NA	98	78-110	NA	NA	

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Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Copper	**2.8**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**35**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Copper	**2.6**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**34**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Copper	**3.6**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**95**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Copper	**8.4**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**41**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Copper	**1.9**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**9.6**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Copper	**ND**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**16**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Copper	**1.8**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**5.8**	5.0	EPA 200.8	4-26-23	4-26-23	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Copper	**1.2**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**20**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Copper	**9.5**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**200**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Copper	**ND**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**ND**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Copper	**ND**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**ND**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Copper	**ND**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**ND**	5.0	EPA 200.8	4-26-23	4-26-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Copper	**ND**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**ND**	5.0	EPA 200.8	4-26-23	4-26-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0426WH1					
Copper	**ND**	1.0	EPA 200.8	4-26-23	4-26-23	
Zinc	**ND**	5.0	EPA 200.8	4-26-23	4-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-245-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	04-245-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**89.0**	**87.8**	100	100	ND	**89**	**88**	75-125	1	20	
Zinc	**91.4**	**91.8**	100	100	ND	**91**	**92**	75-125	0	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**8.2**	5.0	EPA 200.8		4-26-23	
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**9.0**	5.0	EPA 200.8		4-26-23	
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**19**	5.0	EPA 200.8		4-26-23	
Client ID:	**TYLMO-20230420**					
Laboratory ID:	04-245-04					
Copper	**4.1**	1.0	EPA 200.8		4-26-23	
Zinc	**5.3**	5.0	EPA 200.8		4-26-23	
Client ID:	**TYLMI-20230420**					
Laboratory ID:	04-245-05					
Copper	**1.8**	1.0	EPA 200.8		4-26-23	
Zinc	**8.0**	5.0	EPA 200.8		4-26-23	
Client ID:	**MONMN-20230420**					
Laboratory ID:	04-245-06					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**14**	5.0	EPA 200.8		4-26-23	
Client ID:	**MONMS-20230420**					
Laboratory ID:	04-245-07					
Copper	**1.2**	1.0	EPA 200.8		4-26-23	
Zinc	**ND**	5.0	EPA 200.8		4-26-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230420**					
Laboratory ID:	04-245-08					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**13**	5.0	EPA 200.8		4-26-23	
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Copper	**1.8**	1.0	EPA 200.8		4-26-23	
Zinc	**43**	5.0	EPA 200.8		4-26-23	
Client ID:	**SEIMN-20230420**					
Laboratory ID:	04-245-10					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**ND**	5.0	EPA 200.8		4-26-23	
Client ID:	**COLM-20230420**					
Laboratory ID:	04-245-11					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**ND**	5.0	EPA 200.8		4-26-23	
Client ID:	**SEIMS-20230420**					
Laboratory ID:	04-245-12					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**ND**	5.0	EPA 200.8		4-26-23	
Client ID:	**QA135-20230420**					
Laboratory ID:	04-245-13					
Copper	**ND**	1.0	EPA 200.8		4-26-23	
Zinc	**ND**	5.0	EPA 200.8		4-26-23	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0421F1					
Copper	**ND**	1.0	EPA 200.8	4-21-23	4-26-23	
Zinc	**ND**	5.0	EPA 200.8	4-21-23	4-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-245-03										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**18.8**	**17.9**	NA	NA		NA		NA	5	20	
MATRIX SPIKES											
Laboratory ID:	04-245-03										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**73.8**	**77.2**	80.0	80.0	ND	**92**	**97**	75-125	5	20	
Zinc	**93.8**	**99.2**	80.0	80.0	18.8	**94**	**100**	75-125	6	20	

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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte		PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230420**					
Laboratory ID:	04-245-01					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[b]fluoranthene	**0.011**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*98*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte		PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230420**					
Laboratory ID:	04-245-02					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Fluoranthene	**0.12**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Pyrene	**0.11**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]anthracene	**0.046**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Chrysene	**0.071**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[b]fluoranthene	**0.095**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo(j,k)fluoranthene	**0.032**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]pyrene	**0.063**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Indeno(1,2,3-c,d)pyrene	**0.054**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Dibenz[a,h]anthracene	**0.012**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[g,h,i]perylene	**0.052**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*67*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*85*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte		PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230420**					
Laboratory ID:	04-245-03					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*61*	*20 - 106*				
Pyrene-d10	*73*	*19 - 104*				
Terphenyl-d14	*85*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte		PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230420**					
Laboratory ID:	04-245-09					
Naphthalene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
2-Methylnaphthalene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
1-Methylnaphthalene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthylene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Fluorene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Phenanthrene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Anthracene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Fluoranthene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Pyrene	**ND**	0.098	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]anthracene	**0.026**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Chrysene	**0.058**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[b]fluoranthene	**0.087**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo(j,k)fluoranthene	**0.021**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]pyrene	**0.045**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Indeno(1,2,3-c,d)pyrene	**0.042**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[g,h,i]perylene	**0.043**	0.0098	EPA 8270E/SIM	4-25-23	4-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*75*	*19 - 104*				
Terphenyl-d14	*92*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte		PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**QA135B-20230420**					
Laboratory ID:	04-245-14					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Fluoranthene	**0.11**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Pyrene	**0.10**	0.099	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]anthracene	**0.036**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Chrysene	**0.072**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[b]fluoranthene	**0.10**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo(j,k)fluoranthene	**0.030**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[a]pyrene	**0.057**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Indeno(1,2,3-c,d)pyrene	**0.052**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Dibenz[a,h]anthracene	**0.011**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Benzo[g,h,i]perylene	**0.054**	0.0099	EPA 8270E/SIM	4-25-23	4-26-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*77*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte		PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0425W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	4-25-23	4-25-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	4-25-23	4-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*83*	*19 - 104*				
Terphenyl-d14	*99*	*41 - 127*				

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Date of Report: May 4, 2023
Samples Submitted: April 21, 2023
Laboratory Reference: 2304-245
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0425W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.359**	**0.392**	0.500	0.500	72	78	25 - 82	9	39	
Acenaphthylene	**0.377**	**0.400**	0.500	0.500	75	80	35 - 107	6	26	
Acenaphthene	**0.388**	**0.416**	0.500	0.500	78	83	33 - 99	7	26	
Fluorene	**0.416**	**0.420**	0.500	0.500	83	84	43 - 95	1	24	
Phenanthrene	**0.423**	**0.418**	0.500	0.500	85	84	49 - 100	1	20	
Anthracene	**0.403**	**0.405**	0.500	0.500	81	81	47 - 101	0	21	
Fluoranthene	**0.440**	**0.437**	0.500	0.500	88	87	51 - 115	1	23	
Pyrene	**0.429**	**0.413**	0.500	0.500	86	83	53 - 117	4	24	
Benzo[a]anthracene	**0.501**	**0.494**	0.500	0.500	100	99	57 - 114	1	21	
Chrysene	**0.427**	**0.420**	0.500	0.500	85	84	55 - 119	2	21	
Benzo[b]fluoranthene	**0.452**	**0.440**	0.500	0.500	90	88	56 - 125	3	26	
Benzo(j,k)fluoranthene	**0.439**	**0.438**	0.500	0.500	88	88	53 - 124	0	22	
Benzo[a]pyrene	**0.429**	**0.424**	0.500	0.500	86	85	54 - 119	1	22	
Indeno(1,2,3-c,d)pyrene	**0.431**	**0.455**	0.500	0.500	86	91	55 - 118	5	23	
Dibenz[a,h]anthracene	**0.436**	**0.433**	0.500	0.500	87	87	56 - 118	1	23	
Benzo[g,h,i]perylene	**0.420**	**0.414**	0.500	0.500	84	83	55 - 117	1	22	
Surrogate:										
2-Fluorobiphenyl					*58*	*63*	*20 - 106*			
Pyrene-d10					*73*	*74*	*19 - 104*			
Terphenyl-d14					*88*	*88*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 04-215

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230420	4/20/23	17:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230420		17:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230420		18:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230420		18:45	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230420		19:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230420		20:05	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230420		2030	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230420		20:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230420		1720	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230420		1850	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230420		19:25	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230420		19:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA135-20230420		19:40	Water	7	X	X	X	X	X	X	X	X	X		
14	QA135B-20230420		1720	Water	4										X	X

Relinquished by Scott Shumway Date 4/21/23 Received by NBollino Date 4/21/23

Firm Herrera Environmental Time 1350 Firm OSE Time 1350

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 04-245

Initiated by: NB

Date Initiated: 4/21/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0.3, 1.3, 0.9, 3.2
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) Fecals & Turbidity will expire.

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

May 15 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230420	Water	23-A007288	Micro, NUT
COUMI-20230420	Water	23-A007289	Micro, NUT
TOSMO-20230420	Water	23-A007290	Micro, NUT
TYLMO-20230420	Water	23-A007291	Micro, NUT
TYLMI-20230420	Water	23-A007292	Micro, NUT
MONMN-20230420	Water	23-A007293	Micro, NUT
MONMS-20230420	Water	23-A007294	Micro, NUT
MONM-20230420	Water	23-A007295	Micro, NUT
TOSMI-20230420	Water	23-A007296	Micro, NUT
SEIMN-20230420	Water	23-A007297	Micro, NUT
COLM-20230420	Water	23-A007298	Micro, NUT
SEIMS-20230420	Water	23-A007299	Micro, NUT
QA135-20230420	Water	23-A007300	Micro, NUT

Your samples were received on Friday, April 21, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2329270
PO Number: 04-245

BACT = Bacteriological MET = Metals NUT=Nutrients MIN=Minerals
CONV = Conventionals ORG = Organics DEM=Demand

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2329270
Project #: 14-05806-000
PO Number: 04-245
All results reported on an as received basis.

Date Received: 04/21/23
Date Reported: 5/15/23

AMTEST Identification Number **23-A007288**
Client Identification **COUMO-20230420**
Sampling Date **04/20/23, 17:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	24.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.39	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.388	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007289**
Client Identification **COUMI-20230420**
Sampling Date **04/20/23, 17:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	18.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.29	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.293	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007290**
Client Identification **TOSMO-20230420**
Sampling Date **04/20/23, 18:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	270	CFU/100 ml		10	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.96	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.464	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.492	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007291**
Client Identification **TYLMO-20230420**
Sampling Date **04/20/23, 18:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	60.	CFU/100 ml		10	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.84	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.440	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.399	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007292**
Client Identification **TYLMI-20230420**
Sampling Date **04/20/23, 19:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	20.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.61	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.440	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.167	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007293**
Client Identification **MONMN-20230420**
Sampling Date **04/20/23, 20:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	< 1	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.47	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.328	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.144	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007294**
Client Identification **MONMS-20230420**
Sampling Date **04/20/23, 20:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	16.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.74	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.494	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.248	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007295**
Client Identification **MONM-20230420**
Sampling Date **04/20/23, 20:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	44.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.56	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.326	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.231	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007296**
Client Identification **TOSMI-20230420**
Sampling Date **04/20/23, 17:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	190	CFU/100 ml		10	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	1.34	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.320	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	1.02	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007297**
Client Identification **SEIMN-20230420**
Sampling Date **04/20/23, 18:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	< 0.2	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.104	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007298**
Client Identification **COLM-20230420**
Sampling Date **04/20/23, 19:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	19.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	0.35	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.347	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	< 0.02	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007299**
Client Identification **SEIMS-20230420**
Sampling Date **04/20/23, 19:40**

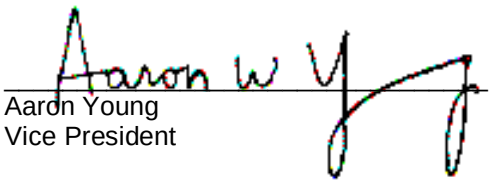
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	25.	CFU/100 ml		1	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	< 0.2	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.192	mg/l		0.02	SM4500NO3	AE	05/04/23

AMTEST Identification Number **23-A007300**
Client Identification **QA135-20230420**
Sampling Date **04/20/23, 19:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	40.	CFU/100 ml		10	SM 9222D	HU	04/21/23
Total Nitrogen (NOX&TKN)	< 0.2	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.198	mg/l		0.02	SM4500NO3	AE	05/04/23



Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A007288 to 23-A007300

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A007289	Fecal Coliform	CFU/100 ml	18.	22.	20.
23-A007186	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A007298	Total Nitrogen (TKN)	mg/l	0.347	0.326	6.2
23-A007421	Total Nitrogen (TKN)	mg/l	< 0.3	0.310	
23-A007193	Total Nitrate + Nitrite	mg/l	11.1	11.1	0.00
23-A007237	Total Nitrate + Nitrite	mg/l	0.028	0.029	3.5
23-A007291	Total Nitrate + Nitrite	mg/l	0.399	0.403	1.0
23-A007300	Total Nitrate + Nitrite	mg/l	0.198	0.195	1.5
23-A007523	Total Nitrate + Nitrite	mg/l	0.101	0.097	4.0
23-A007538	Total Nitrate + Nitrite	mg/l	11.2	11.2	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A007186	Total Nitrogen (TKN)	mg/l	< 0.3	2.30	2.00	115.00 %
23-A007298	Total Nitrogen (TKN)	mg/l	0.347	2.60	2.00	112.65 %
23-A007421	Total Nitrogen (TKN)	mg/l	< 0.3	2.39	2.00	119.50 %
23-A007193	Total Nitrate + Nitrite	mg/l	11.1	20.5	10.0	94.00 %
23-A007237	Total Nitrate + Nitrite	mg/l	0.028	0.984	1.00	95.60 %
23-A007291	Total Nitrate + Nitrite	mg/l	0.399	1.33	1.00	93.10 %
23-A007300	Total Nitrate + Nitrite	mg/l	0.198	1.15	1.00	95.20 %
23-A007523	Total Nitrate + Nitrite	mg/l	0.101	1.04	1.00	93.90 %
23-A007538	Total Nitrate + Nitrite	mg/l	11.2	20.9	10.0	97.00 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	0.990	99.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	0.997	99.7 %
Total Nitrate + Nitrite	mg/l	1.00	0.988	98.8 %

QC Summary for sample numbers: 23-A007288 to 23-A007300...

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-245

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

	Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
7288	1	COUMO-20230420	4/20/23	17:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7289	2	COUMI-20230420	4/20/23	17:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7290	3	TOSMO-20230420	4/20/23	18:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7291	4	TYLMO-20230420	4/20/23	18:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7292	5	TYLMI-20230420	4/20/23	19:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7293	6	MONMN-20230420	4/20/23	20:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7294	7	MONMS-20230420	4/20/23	20:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7295	8	MONM-20230420	4/20/23	20:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7296	9	TOSMI-20230420	4/20/23	17:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7297	10	SEIMN-20230420	4/20/23	18:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature		Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/21/23	2:37PM	
Received by: KL	AmTest	4/21/23	14:37	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=8.6°C

P.11

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-245

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
7298 11	COLM-20230420	4/20/23	19:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7299 12	SEIMS-20230420	4/20/23	19:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7300 13	QA135-20230420	4/20/23	19:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/21/23	2:37 pm	
Received by: KL	AmTest	4/21/23	14:37	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				

T=8.6°C

P.12

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 04-215

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230420	4/20/23	17:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230420		17:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230420		18:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230420		18:45	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230420		19:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230420		20:05	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230420		2030	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230420		20:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230420		1720	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230420		1850	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230420		19:25	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230420		19:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA135-20230420		19:40	Water	7	X	X	X	X	X	X	X	X	X		
14	QA135B-20230420		1720	Water	4										X	X

Relinquished by Scott Shumway Date 4/21/23 Received by NBollino Date 4/21/23

Firm Herrera Environmental Time 1350 Firm OSE Time 1350

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 04-245

Initiated by: NB

Date Initiated: 4/21/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0.3, 1.3, 0.9, 3.2
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) Fecals & Turbidity will expire.

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

Laboratory No. 04-215

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023	4/20/23	17:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023	↓	17:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		18:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		18:45	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		19:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		20:05	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		20:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		20:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		17:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		18:30	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		19:25	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		19:45	Water	7	X	X	X	X	X	X	X	X	X		
13	QA155	↓	19:45	Water	7	X	X	X	X	X	X	X	X	X		
14	QA155 B														X	X

Relinquished by Scott Shumway Date 4/21/23 Received by NB/MW Date 4/21/23

Firm Herrera Environmental Time 1350 Firm OSE Time 1350

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SS

Sample Date: 4/20/23 **Sample Time:** 17:25 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later?** (Y) N PST:
(Must filter within 15 minutes of collection)

SITE ID: ~~TOSWA~~ COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Raining 46°F

Water Quality Sampling

Sample ID: COUMO 2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	some suspended solids
Color:	brownish
Odor:	none
Sheen:	none
Floatables:	some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.42

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 10.9

Specific Conductivity (µs/cm) 253.5

Dissolved Oxygen (mg/L) 12.29

Dissolved Oxygen (%) 101.1

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SS

Sample Date: 4/20/23 **Sample Time:** 17:45 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N

(Must filter within 15 minutes of collection)

SITE ID: COUMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Raining 45°F

Water Quality Sampling

Sample ID: COUMI 2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Cloudy

Color: brownish

Odor: none

Sheen: none

Floatables: some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): ~2.75 → staff gage hard to read from distance

Reference Point (description): SG measured on U/S side

Water Quality Measurments

Temperature (°C) 10.6

Specific Conductivity (µs/cm) 255.1

Dissolved Oxygen (mg/L) 12.45

Dissolved Oxygen (%) 101.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV SS

Sample Date: 4/20/23 **Sample Time:** 18:15 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Raining 45°F

Water Quality Sampling

Sample ID: TOSMO2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: cloudy

Color: brown

Odor: none

Sheen: none

Floatables: some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.68

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.9

Specific Conductivity (µs/cm) 252.8

Dissolved Oxygen (mg/L) ~~10.18~~ 12.48

Dissolved Oxygen (%) 102.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SS

Sample Date: 4/20/23 **Sample Time:** 18:45 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining 45°

Water Quality Sampling

Sample ID: TYLMO 2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	—
PAH's	Amber Glass	1L	2	NA	—

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Cloudy

Color: brownish

Odor: none

Sheen: none

Floatables: some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO initials:

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.75 ft

Reference Point (description): from top of culvert

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 126.5

Dissolved Oxygen (mg/L) 12.17

Dissolved Oxygen (%) 100.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SS

Sample Date: 4/20/23 **Sample Time:** 19:10 PDT: PST:

Base Flow or ~~Storm Event~~? **Field filtered 5 minutes later:** (Y) N

(Must filter within 15 minutes of collection)

SITE ID: TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID: TYLMI2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	2	NA	—
PAH's	Amber Glass	1L	2	NA	—

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	cloudy
Color:	brownish
Odor:	none
Sheen:	none
Floatables:	some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.13

Reference Point (description): from top of culvert

Water Quality Measurments

Temperature (°C) 10.3

Specific Conductivity (µs/cm) 149.0

Dissolved Oxygen (mg/L) 9548 11.84

Dissolved Oxygen (%) 95.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 4/20/25 **Sample Time:** 20:05 PDT: PST:

Base Flow or Storm Event? (B)

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 44° F

Water Quality Sampling

Sample ID: MONMN20230420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	N/A
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.25

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 8.1

Specific Conductivity (µs/cm) 197.7

Dissolved Oxygen (mg/L) 11.39

Dissolved Oxygen (%) 96.4

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: PGarcia

Sample Date: 4/20/23 **Sample Time:** 20:30 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 44°F

Water Quality Sampling

Sample ID: MONMS20230420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	NA
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.9

Specific Conductivity (µs/cm) 257.2

Dissolved Oxygen (mg/L) 9.33

Dissolved Oxygen (%) 78.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SS

Sample Date: 4/20/23 **Sample Time:** 20:25 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining 44°F

Water Quality Sampling

Sample ID: MONM-20230420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	2	NA	—
PAH's	Amber Glass	1L	2	NA	—

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	none
Sheen:	none
Floatables:	some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.00

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.8

Specific Conductivity (µs/cm) 198.0

Dissolved Oxygen (mg/L) 12.36

Dissolved Oxygen (%) 101.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia

Sample Date: 4/20/23 **Sample Time:** 17:20 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 46° F

Water Quality Sampling

Sample ID: TOSM1 2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	yes
PAH's	Amber Glass	1L	2	NA	yes

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	QA 135 20230420
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Semi turbid
Color:	brownish
Odor:	none
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.91

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 9.1

Specific Conductivity (µs/cm) 285.3

Dissolved Oxygen (mg/L) 11.61

Dissolved Oxygen (%) 100.3

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D Garcia

Sample Date: 4/20/23 **Sample Time:** 18:30 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 46°

Water Quality Sampling

Sample ID: SEIMN 20230420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: yellow/brown tint

Odor: none

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.60

Reference Point (description): bolt

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 75.3

Dissolved Oxygen (mg/L) 12.17

Dissolved Oxygen (%) 100.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D Garcia

Sample Date: 4/20/23 **Sample Time:** 19:25 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 46°F

Water Quality Sampling

Sample ID: COLM 20230420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.61

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.3

Specific Conductivity (µs/cm) 104.1

Dissolved Oxygen (mg/L) 11.42

Dissolved Oxygen (%) 94.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SS

Sample Date: 4/23/23 **Sample Time:** 19:45 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: 8 SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining 44°

Water Quality Sampling

Sample ID: SEIMS2023-0420

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Yes
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Cloudy
Color:	none
Odor:	none
Sheen:	none
Floatables:	some

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.92

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.9

Specific Conductivity (µs/cm) 98.8

Dissolved Oxygen (mg/L) 12.31

Dissolved Oxygen (%) 98.7

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/20/23 /All locations, QA135 & QA135B (SEIMS & TOSMI) Lab Ref No 2304-245

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	5	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	85	**±20**	7	**≤ 25**	4	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	19	**≤ 25**	15	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	6	**≤180**	≤1.0 mg/L 1.0 mg/L	88, 97	**±25**	104	**±15**	3 MS 7	**≤ 20**	7	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	13	**≤28**	≤1.0 mg/L 1.0 mg/L	101	**±25**	104	**±15**	D=0.1	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	92	**±25**	98	**±20**	2	**≤ 20**	D=0.01	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	14, 22	**≤28**	≤0.1 mg/L 0.1 mg/L	94-120	**±25**	99-103	**±20**	<1-2 D=0.001 -0.02	**≤ 20**	NC, 3	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/20/23 /All locations, QA135 & QA135B (SEIMS & TOSMI) Lab Ref No 2304-245

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	89, 88	**±25**	NR	**±15**	NC MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	91, 92	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 97	**±25**	NR	**±15**	NC MS 5	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 100	**±25**	NR	**±15**	5, MS 6	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC, 20	**≤ 35**	46	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED UPON RECEIPT OF RESULTS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	6< <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 61-98	**19-127[4]**	72-100	**25-125[4]**	<1-5 D=0--0.3	**<21-39[4]**	NC, 14-22, D=0.01-0.012	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 30, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2304-315

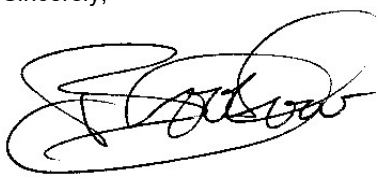
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on April 27, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

Case Narrative

Samples were collected on April 27, 2023 and received by the laboratory on April 27, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Total Suspended Solids	**6.0**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Total Suspended Solids	**12**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Total Suspended Solids	**170**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Total Suspended Solids	**14**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Total Suspended Solids	**15**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Total Suspended Solids	**8.0**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Total Suspended Solids	**19**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Total Suspended Solids	**23**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Total Suspended Solids	**25**	1.0	SM 2540D	4-28-23	4-28-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Total Suspended Solids	**28**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Total Suspended Solids	**5.0**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Total Suspended Solids	**120**	1.0	SM 2540D	4-28-23	4-28-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Total Suspended Solids	**5.0**	1.0	SM 2540D	4-28-23	4-28-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0428W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	4-28-23	4-28-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-315-02								
	ORIG	DUP							
Total Suspended Solids	**11.8**	**14.0**	NA	NA	NA	NA	17	25	
SPIKE BLANK									
Laboratory ID:	SB0428W1								
	SB		SB		SB				
Total Suspended Solids	**87.0**		100	NA	87	67-112	NA	NA	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Turbidity	**4.4**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Turbidity	**4.8**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Turbidity	**2.2**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Turbidity	**1.7**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Turbidity	**5.7**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Turbidity	**3.1**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Turbidity	**4.6**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Turbidity	**7.3**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Turbidity	**10**	0.10	EPA 180.1	4-27-23	4-27-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Turbidity	**6.6**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Turbidity	**1.0**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Turbidity	**29**	0.10	EPA 180.1	4-27-23	4-27-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Turbidity	**2.4**	0.10	EPA 180.1	4-27-23	4-27-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0427W1					
Turbidity	**ND**	0.10	EPA 180.1	4-27-23	4-27-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-315-01								
	ORIG	DUP							
Turbidity	**4.42**	**4.25**	NA	NA	NA	NA	4	18	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Hardness	**78**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Hardness	**71**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Hardness	**72**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Hardness	**26**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Hardness	**16**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Hardness	**48**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Hardness	**64**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0501WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	5-1-23	5-1-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-315-01										
	ORIG	DUP									
Hardness	**122**	**120**	NA		NA	NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	04-315-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**237**	**241**	132	132	122	87	90	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB0501WH1										
	SB		SB			SB					
Hardness	**128**		132		NA	97		85-115	NA	NA	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Dissolved Organic Carbon	**3.7**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Dissolved Organic Carbon	**3.0**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Dissolved Organic Carbon	**4.7**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Dissolved Organic Carbon	**8.4**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Dissolved Organic Carbon	**6.5**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Dissolved Organic Carbon	**3.5**	1.0	SM 5310B	5-3-23	5-3-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Dissolved Organic Carbon	**8.1**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Dissolved Organic Carbon	**11**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	5-3-23	5-3-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Dissolved Organic Carbon	**4.3**	1.0	SM 5310B	5-3-23	5-3-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0503D2					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	5-3-23	5-3-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-315-02								
	ORIG	DUP							
Dissolved Organic Carbon	**3.71**	**3.67**	NA	NA	NA	NA	1	14	
MATRIX SPIKE									
Laboratory ID:	04-315-02								
	MS		MS		MS				
Dissolved Organic Carbon	**13.4**		10.0	3.71	97	82-123	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0503D2								
	SB		SB		SB				
Dissolved Organic Carbon	**10.2**		10.0	NA	102	89-122	NA	NA	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Total Phosphorus	**0.048**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Total Phosphorus	**0.10**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Total Phosphorus	**0.051**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Total Phosphorus	**0.033**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Total Phosphorus	**0.060**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Total Phosphorus	**0.030**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Total Phosphorus	**0.10**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Total Phosphorus	**0.071**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Total Phosphorus	**0.20**	0.010	EPA 365.1	5-8-23	5-8-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Total Phosphorus	**0.060**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Total Phosphorus	**0.17**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Total Phosphorus	**0.028**	0.010	EPA 365.1	5-8-23	5-8-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0508W2					
Total Phosphorus	**ND**	0.010	EPA 365.1	5-8-23	5-8-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	04-315-02								
	ORIG	DUP							
Total Phosphorus	**0.104**	**0.100**	NA	NA	NA	NA	4	17	
MATRIX SPIKE									
Laboratory ID:	04-315-02								
	MS		MS		MS				
Total Phosphorus	**0.333**		0.250	0.104	92	81-114	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0508W2								
	SB		SB		SB				
Total Phosphorus	**0.235**		0.250	NA	94	78-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Copper	**ND**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**8.7**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Copper	**2.0**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**31**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Copper	**ND**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**18**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Copper	**1.9**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**ND**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Copper	**1.9**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**9.1**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Copper	**ND**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**11**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Copper	**2.3**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**14**	5.0	EPA 200.8	5-3-23	5-3-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Copper	**1.5**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**32**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Copper	**10**	2.5	EPA 200.8	5-3-23	5-3-23	
Zinc	**270**	13	EPA 200.8	5-3-23	5-3-23	
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Copper	**1.7**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**ND**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Copper	**ND**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**ND**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Copper	**2.6**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**13**	5.0	EPA 200.8	5-3-23	5-3-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Copper	**ND**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**18**	5.0	EPA 200.8	5-3-23	5-3-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0503WH1					
Copper	**ND**	1.0	EPA 200.8	5-3-23	5-3-23	
Zinc	**ND**	5.0	EPA 200.8	5-3-23	5-3-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-315-10										
	ORIG	DUP									
Copper	**1.73**	**1.75**	NA	NA		NA		NA	1	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	04-315-10										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**96.8**	**90.4**	100	100	1.73	**95**	**89**	75-125	7	20	
Zinc	**104**	**96.4**	100	100	ND	**104**	**96**	75-125	8	20	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**5.7**	5.0	EPA 200.8		5-3-23	
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**5.2**	5.0	EPA 200.8		5-3-23	
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**13**	5.0	EPA 200.8		5-3-23	
Client ID:	**TYLMO-20230427**					
Laboratory ID:	04-315-04					
Copper	**1.2**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	
Client ID:	**TYLMI-20230427**					
Laboratory ID:	04-315-05					
Copper	**1.6**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	
Client ID:	**MONMN-20230427**					
Laboratory ID:	04-315-06					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**9.3**	5.0	EPA 200.8		5-3-23	
Client ID:	**MONMS-20230427**					
Laboratory ID:	04-315-07					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230427**					
Laboratory ID:	04-315-08					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**8.3**	5.0	EPA 200.8		5-3-23	
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Copper	**1.1**	1.0	EPA 200.8		5-3-23	
Zinc	**26**	5.0	EPA 200.8		5-3-23	
Client ID:	**SEIMN-20230427**					
Laboratory ID:	04-315-10					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	
Client ID:	**COLM-20230427**					
Laboratory ID:	04-315-11					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	
Client ID:	**SEIMS-20230427**					
Laboratory ID:	04-315-12					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	
Client ID:	**QA136-20230427**					
Laboratory ID:	04-315-13					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**7.4**	5.0	EPA 200.8		5-3-23	

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Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0503D1					
Copper	**ND**	1.0	EPA 200.8		5-3-23	
Zinc	**ND**	5.0	EPA 200.8		5-3-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	04-315-13										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**7.42**	**7.94**	NA	NA		NA		NA	7	20	
MATRIX SPIKES											
Laboratory ID:	04-315-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**73.4**	**71.2**	80.0	80.0	ND	**92**	**89**	75-125	3	20	
Zinc	**81.8**	**82.4**	80.0	80.0	7.42	**93**	**94**	75-125	1	20	

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Date of Report: May 30, 2023
Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230427**					
Laboratory ID:	04-315-01					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[b]fluoranthene	**0.014**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*61*	*26-106*				
Pyrene-d10	*66*	*45-104*				
Terphenyl-d14	*78*	*43-114*				

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Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230427**					
Laboratory ID:	04-315-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	5-1-23	5-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*61*	*26-106*				
Pyrene-d10	*67*	*45-104*				
Terphenyl-d14	*77*	*43-114*				

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Laboratory Reference: 2304-315
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230427**					
Laboratory ID:	04-315-03					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Pyrene	**ND**	0.099	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	5-1-23	5-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*26-106*				
Pyrene-d10	*62*	*45-104*				
Terphenyl-d14	*72*	*43-114*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230427**					
Laboratory ID:	04-315-09					
Naphthalene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
2-Methylnaphthalene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
1-Methylnaphthalene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthylene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Acenaphthene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Fluorene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Phenanthrene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Anthracene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Fluoranthene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Pyrene	**ND**	0.12	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]anthracene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Chrysene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[b]fluoranthene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo(j,k)fluoranthene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[a]pyrene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270E/SIM	5-1-23	5-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*53*	*26-106*				
Pyrene-d10	*63*	*45-104*				
Terphenyl-d14	*70*	*43-114*				

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Samples Submitted: April 27, 2023
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Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0501W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	5-1-23	5-1-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	5-1-23	5-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*59*	*26-106*				
Pyrene-d10	*72*	*45-104*				
Terphenyl-d14	*90*	*43-114*				

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Samples Submitted: April 27, 2023
Laboratory Reference: 2304-315
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0501W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.310**	**0.383**	0.500	0.500	62	77	35 - 84	21	34	
Acenaphthylene	**0.394**	**0.438**	0.500	0.500	79	88	44 - 97	11	29	
Acenaphthene	**0.336**	**0.403**	0.500	0.500	67	81	40 - 93	18	29	
Fluorene	**0.371**	**0.421**	0.500	0.500	74	84	46 - 97	13	24	
Phenanthrene	**0.400**	**0.427**	0.500	0.500	80	85	49 - 102	7	21	
Anthracene	**0.384**	**0.414**	0.500	0.500	77	83	50 - 99	8	21	
Fluoranthene	**0.438**	**0.449**	0.500	0.500	88	90	53 - 107	2	21	
Pyrene	**0.434**	**0.461**	0.500	0.500	87	92	52 - 111	6	23	
Benzo[a]anthracene	**0.522**	**0.557**	0.500	0.500	104	111	51 - 119	6	20	
Chrysene	**0.468**	**0.495**	0.500	0.500	94	99	52 - 113	6	21	
Benzo[b]fluoranthene	**0.460**	**0.489**	0.500	0.500	92	98	50 - 116	6	24	
Benzo(j,k)fluoranthene	**0.500**	**0.533**	0.500	0.500	100	107	54 - 113	6	22	
Benzo[a]pyrene	**0.429**	**0.461**	0.500	0.500	86	92	52 - 110	7	21	
Indeno(1,2,3-c,d)pyrene	**0.498**	**0.522**	0.500	0.500	100	104	55 - 114	5	21	
Dibenz[a,h]anthracene	**0.483**	**0.515**	0.500	0.500	97	103	55 - 111	6	19	
Benzo[g,h,i]perylene	**0.462**	**0.491**	0.500	0.500	92	98	52 - 111	6	20	
Surrogate:										
2-Fluorobiphenyl					*50*	*62*	*26-106*			
Pyrene-d10					*68*	*75*	*45-104*			
Terphenyl-d14					*93*	*100*	*43-114*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

May 30 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230427	Water	23-A007584	Micro, NUT
COUMI-20230427	Water	23-A007585	Micro, NUT
TOSMO-20230427	Water	23-A007586	Micro, NUT
TYLMO-20230427	Water	23-A007587	Micro, NUT
TYLMI-20230427	Water	23-A007588	Micro, NUT
MONMN-20230427	Water	23-A007589	Micro, NUT
MONMS-20230427	Water	23-A007590	Micro, NUT
MONM-20230427	Water	23-A007591	Micro, NUT
TOSMI-20230427	Water	23-A007592	Micro, NUT
SEIMN-20230427	Water	23-A007593	Micro, NUT
COLM-20230427	Water	23-A007594	Micro, NUT
SEIMS-20230427	Water	23-A007595	Micro, NUT
QA136-20230427	Water	23-A007596	Micro, NUT

Your samples were received on Thursday, April 27, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2329350
PO Number: 04-315

BACT = Bacteriological MET = Metals NUT=Nutrients MIN=Minerals
CONV = Conventionals ORG = Organics DEM=Demand

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2329350
Project #: 14-05806-000
PO Number: 04-315
All results reported on an as received basis.

Date Received: 04/27/23
Date Reported: 5/30/23

AMTEST Identification Number **23-A007584**
Client Identification **COUMO-20230427**
Sampling Date **04/27/23, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	83.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.75	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.397	mg/l		0.3	SM4500N	AE	05/23/23
Total Nitrate + Nitrite	0.355	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007585**
Client Identification **COUMI-20230427**
Sampling Date **04/27/23, 11:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.24	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.242	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007586**
Client Identification **TOSMO-20230427**
Sampling Date **04/27/23, 11:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	80.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.48	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.485	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007587**
Client Identification **TYLMO-20230427**
Sampling Date **04/27/23, 11:52**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.48	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.480	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007588**
Client Identification **TYLMI-20230427**
Sampling Date **04/27/23, 12:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	7.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.422	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.180	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007589**
Client Identification **MONMN-20230427**
Sampling Date **04/27/23, 12:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	< 1	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.42	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.312	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.110	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007590**
Client Identification **MONMS-20230427**
Sampling Date **04/27/23, 13:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	27.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.49	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.366	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.120	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007591**
Client Identification **MONM-20230427**
Sampling Date **04/27/23, 13:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	200	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.46	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.352	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.109	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007592**
Client Identification **TOSMI-20230427**
Sampling Date **04/27/23, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	140	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.94	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.937	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007593**
Client Identification **SEIMN-20230427**
Sampling Date **04/27/23, 11:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	< 0.2	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.106	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007594**
Client Identification **COLM-20230427**
Sampling Date **04/27/23, 12:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	4.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.41	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.387	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.023	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007595**
Client Identification **SEIMS-20230427**
Sampling Date **04/27/23, 12:45**

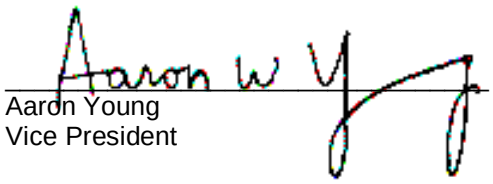
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	52.	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.25	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.3	mg/l		0.3	SM4500N	AE	05/12/23
Total Nitrate + Nitrite	0.252	mg/l		0.02	SM4500NO3	AE	05/11/23

AMTEST Identification Number **23-A007596**
Client Identification **QA136-20230427**
Sampling Date **04/27/23, 12:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	< 1	CFU/100 ml		1	SM 9222D	JM	04/27/23
Total Nitrogen (NOX&TKN)	0.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.476	mg/l		0.3	SM4500N	AE	05/19/23
Total Nitrate + Nitrite	0.119	mg/l		0.02	SM4500NO3	AE	05/11/23



Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A007584 to 23-A007596

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A007589	Fecal Coliform	CFU/100 ml	< 1	< 1	
23-A007186	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A007298	Total Nitrogen (TKN)	mg/l	0.347	0.326	6.2
23-A007421	Total Nitrogen (TKN)	mg/l	< 0.3	0.310	
23-A007846	Total Nitrogen (TKN)	mg/l	0.311	< 0.3	
23-A007859	Total Nitrogen (TKN)	mg/l	30.9	30.6	0.98
23-A007938	Total Nitrogen (TKN)	mg/l	46.5	48.6	4.4
23-A008005	Total Nitrogen (TKN)	mg/l	< 0.3	0.286	
23-A007307	Total Nitrate + Nitrite	mg/l	0.393	0.389	1.0
23-A007430	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A007451	Total Nitrate + Nitrite	mg/l	0.169	0.169	0.00
23-A007586	Total Nitrate + Nitrite	mg/l	0.485	0.489	0.82
23-A007596	Total Nitrate + Nitrite	mg/l	0.119	0.119	0.00
23-A007659	Total Nitrate + Nitrite	mg/l	0.216	0.214	0.93
23-A007961	Total Nitrate + Nitrite	mg/l	2.13	2.14	0.47

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A007186	Total Nitrogen (TKN)	mg/l	< 0.3	2.30	2.00	115.00 %
23-A007298	Total Nitrogen (TKN)	mg/l	0.347	2.60	2.00	112.65 %
23-A007421	Total Nitrogen (TKN)	mg/l	< 0.3	2.39	2.00	119.50 %
23-A007846	Total Nitrogen (TKN)	mg/l	0.311	2.64	2.00	116.45 %
23-A007859	Total Nitrogen (TKN)	mg/l	30.9	73.3	40.0	106.00 %
23-A007938	Total Nitrogen (TKN)	mg/l	46.5	101.	50.0	109.00 %
23-A008005	Total Nitrogen (TKN)	mg/l	< 0.3	2.50	2.00	125.00 %
23-A007307	Total Nitrate + Nitrite	mg/l	0.393	1.34	1.00	94.70 %
23-A007430	Total Nitrate + Nitrite	mg/l	< 0.02	0.983	1.00	98.30 %
23-A007451	Total Nitrate + Nitrite	mg/l	0.169	1.12	1.00	95.10 %
23-A007586	Total Nitrate + Nitrite	mg/l	0.485	1.48	1.00	99.50 %
23-A007596	Total Nitrate + Nitrite	mg/l	0.119	1.09	1.00	97.10 %
23-A007659	Total Nitrate + Nitrite	mg/l	0.216	1.17	1.00	95.40 %
23-A007961	Total Nitrate + Nitrite	mg/l	2.13	3.15	1.00	102.00 %

QC Summary for sample numbers: 23-A007584 to 23-A007596...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.06	106. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-315

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230427 7584	4/27/23	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230427 7585	4/27/23	11:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230427 7586	4/27/23	11:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230427 7587	4/27/23	11:52	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230427 7588	4/27/23	12:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230427 7589	4/27/23	12:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230427 7590	4/27/23	13:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230427 7591	4/27/23	13:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230427 7592	4/27/23	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230427 7593	4/27/23	11:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/27/23	3:32 PM	
Received by: KL	AmTest	4/27/23	15:32	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=14.7°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-315

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20230427 7594	4/27/23	12:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20230427 7595	4/27/23	12:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA136-20230427 7596	4/27/23	12:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/27/23	3:32 PM	
Received by: KL	AmTest	4/27/23	15:32	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=14.7°C

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 04-315

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0427	4/27/23	10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		11:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		11:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		11:52	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		12:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		12:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		13:15	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:20	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:30	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		12:15	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		12:45	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 136-20230427		12:50	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA 136 B~~															

Relinquished by David Garcia Date 14:26 Received by NBlair Date 1426

Firm Herrera Env. Time 4/27/23 Firm CSE Time 4/27/23

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 04-315

Initiated by: NB

Date Initiated: 4/27/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	4.4, 3.3, 4.5, 2.3
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4	
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4	
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4	
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)	1 2 3 4	
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4	
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4	

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4	
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4	
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4	
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4	
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4	
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4	
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4	
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4	
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4	

Explain any discrepancies:

2.4) #1 - labels for PAH & 6PPD-q read @ 11:00.
#2 - labels for PAH & 6PPD-q read @ 10:35.

3.7) Fecal Coliform will expire in < 24 hours.

1 - Discuss issue in Case Narrative
2 - Process Sample As-is
3 - Client contacted to discuss problem
4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 04-315

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2023 0427	4/27/23	10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2023		11:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2023		11:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2023		11:52	Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2023		12:15	Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2023		12:50	Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2023		13:15	Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2023		13:20	Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2023		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2023		11:30	Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2023		12:15	Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2023		12:45	Water	7	X	X	X	X	X	X	X	X	X		
	QA 136-20230427		12:50	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA 136 B~~															

Relinquished by David Garcia Date 14:26 Received by NBlair Date 1426
Firm Herrera Env. Time 4/27/23 Firm CSE Time 4/27/23

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & N. Vande Putte

Sample Date: 4/27/23 **Sample Time:** 10:35 PDT: (X) PST:

Base Flow or Storm Event? Baseflow **Field filtered 5 minutes later:** (Y) N

(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny, 57°F

Water Quality Sampling

Sample ID: TOSMI-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Slightly turbid

Color: Brown

Odor: none

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.98

Reference Point (description): [redacted]

Water Quality Measurments

Temperature (°C) 9.8

Specific Conductivity (µs/cm) 289.2

Dissolved Oxygen (mg/L) 11.57

Dissolved Oxygen (%) 102.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden & N. Vande Putte

Sample Date: 4/27/23 **Sample Time:** 11:30 PDT: PST:

Base Flow or Storm Event? Base-flow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 59°F

Water Quality Sampling

Sample ID: SEIMN-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Mostly clear

Color: Slightly brown

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.5

Reference Point (description):

Water Quality Measurments

Temperature (°C) 8.8

Specific Conductivity (µs/cm) 77.3

Dissolved Oxygen (mg/L) 11.74

Dissolved Oxygen (%) 101.1

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden, N. VandePutte

Sample Date: 4/27/23 **Sample Time:** 12:15 PDT: PST:

Base Flow or Storm Event? Baseflow **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny, 63°F

Water Quality Sampling

Sample ID: COLM-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: None

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.8

Reference Point (description):

Water Quality Measurments

Temperature (°C) 11.1

Specific Conductivity (µs/cm) 101.1

Dissolved Oxygen (mg/L) 10.38

Dissolved Oxygen (%) 94.4

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden, N. Vande Putte

Sample Date: 4/27/23 **Sample Time:** 12:50 PDT: PST:

Base Flow or Storm Event? Baseflow **Field filtered 5 minutes later?** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 61°F

Water Quality Sampling

Sample ID: MONMN-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	yes
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: 136

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color: None
Odor: None
Sheen: None
Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.25

Reference Point (description):

Water Quality Measurments

Temperature (°C) 11.7

Specific Conductivity (µs/cm) 171.4

Dissolved Oxygen (mg/L) 11.12

Dissolved Oxygen (%) 102.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: E. Van Orden, N. VandePutte

Sample Date: 4/27/23 **Sample Time:** 13:15 PDT: PST:

Base Flow or Storm Event? Baseflow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny, 60°F

Water Quality Sampling

Sample ID: MONMS-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color: None
Odor: None
Sheen: None
Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.77 (water level indicator)

Reference Point (description):

Water Quality Measurments

Temperature (°C) 12.5

Specific Conductivity (µs/cm) 277.6

Dissolved Oxygen (mg/L) 8.11

Dissolved Oxygen (%) 76.1

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/2023 **Sample Time:** 10:35 PDT: PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: Coumo

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny and 59°F

Water Quality Sampling

Sample ID: Coumo -2023 - 0427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: None

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.46

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 10.6

Specific Conductivity (µs/cm) 185.1

Dissolved Oxygen (mg/L) 11:50

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/23 **Sample Time:** 11:00 PDT: PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: Cuomi

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny and 59°F

Water Quality Sampling

Sample ID: Cuomi - 2023 0427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Semi turbid

Color: None

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.67

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 10.1

Specific Conductivity (µs/cm) 201.0

Dissolved Oxygen (mg/L) 11.33

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/23 **Sample Time:** 11:25 PDT: PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny and 59°F

Water Quality Sampling

Sample ID: TOSMO - 20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	None
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.58

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 10.8

Specific Conductivity (µs/cm) 185.0

Dissolved Oxygen (mg/L) 11.48

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/23 **Sample Time:** 11:52 PDT: PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny & 63°F

Water Quality Sampling

Sample ID: TYLMO-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color: None
Odor: None
Sheen: None
Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.9

Reference Point (description): Top of culvert

Water Quality Measurments

Temperature (°C) 11.5

Specific Conductivity (µs/cm) 108.5

Dissolved Oxygen (mg/L) 11.65

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/23 **Sample Time:** 12:15 PDT: / PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny & 64°F

Water Quality Sampling

Sample ID: TYLM1-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO
6PPD-q	Amber Glass	500mL	2	NA	NO
PAH's	Amber Glass	1L	2	NA	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	None
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.5

Reference Point (description): Top of culvert

Water Quality Measurments

Temperature (°C) 12.6

Specific Conductivity (µs/cm) 156.5

Dissolved Oxygen (mg/L) 119.6

Dissolved Oxygen (%) 96.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/23 **Sample Time:** 12:45 PDT: PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny and 65°F

Water Quality Sampling

Sample ID: SEIMS - 20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO
6PPD-q	Amber Glass	500mL	2	NA	NO
PAH's	Amber Glass	1L	2	NA	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear
Color: None
Odor: None
Sheen: None
Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description): N/A

Water Quality Measurments

Temperature (°C) 11.4

Specific Conductivity (µs/cm) 74.1

Dissolved Oxygen (mg/L) 10.77

Dissolved Oxygen (%) 98.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & KJ

Sample Date: 4/27/23 **Sample Time:** 13:20 PDT: PST:

Base Flow or Storm Event? Base Flow **Field filtered 5 minutes later:** (Y) N

(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny and 67°F

Water Quality Sampling

Sample ID: MONM-20230427

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	NO
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	NO
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	NO
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	NO
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	NO
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	NO
6PPD-q	Amber Glass	500mL	2	NA	NO
PAH's	Amber Glass	1L	2	NA	NO

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	None
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description): N/A

Water Quality Measurments

Temperature (°C) 12.9°

Specific Conductivity (µs/cm) 168.3

Dissolved Oxygen (mg/L) 11.09

Dissolved Oxygen (%) 105.1

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/27/23 /All locations, QA136 (MONMN) Lab Ref No 2304-315

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	87	**±20**	17	**≤ 25**	46	**≤ 25**	OK	FLAG MONMN J DUE TO FIELD DUPE EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	D=0.2	**≤ 25**	25	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	87, 90	**±25**	97	**±15**	2 MS 2	**≤ 20**	12	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	6	**≤28**	≤1.0 mg/L 1.0 mg/L	97	**±25**	102	**±15**	D=0.04	**≤ 20**	D=0.3	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	11	**≤28**	≤0.01 mg/L 0.01 mg/L	92	**±25**	94	**±20**	D=0.004	**≤ 20**	D=0.07	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	14-22	**≤28**	≤0.1 mg/L 0.1 mg/L	95-125	**±25**	100-106	**±20**	NC, 0-4 D=0.02	**≤ 20**	9, D=0.1	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/27/23 /All locations, QA136 (MONMN) Lab Ref No 2304-315

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	95, 89	**±25**	NR	**±15**	D=0.02 MS 7	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	104, 96	**±25**	NR	**±15**	NC MS 8	**≤ 20**	7	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 89	**±25**	NR	**±15**	NC MS 3	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	93, 94	**±25**	NR	**±15**	D=0.5	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC	**≤ 35**	NC	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	NS	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED UPON RECEIPT OF RESULTS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	5, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 53-78	**19-127[4]**	62-111	**25-125[4]**	5-7 D=0.01-0.07	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 30, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2305-051

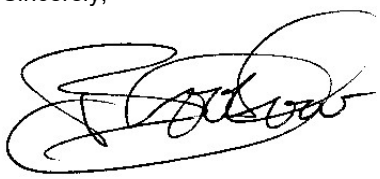
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on May 5, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

Case Narrative

Samples were collected on May 5, 2023 and received by the laboratory on May 5, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Total Suspended Solids	**4.4**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Total Suspended Solids	**12**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Total Suspended Solids	**89**	1.0	SM 2540D	5-8-23	5-8-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0508W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	5-8-23	5-8-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	05-051-12								
	ORIG	DUP							
Total Suspended Solids	**89.0**	**95.4**	NA	NA	NA	NA	7	39	
SPIKE BLANK									
Laboratory ID:	SB0508W1								
	SB		SB		SB				
Total Suspended Solids	**90.0**		100	NA	90	56-120	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Turbidity	**12**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Turbidity	**13**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Turbidity	**40**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Turbidity	**18**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Turbidity	**7.1**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Turbidity	**6.1**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Turbidity	**1.4**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Turbidity	**4.2**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Turbidity	**6.4**	0.10	EPA 180.1	5-5-23	5-5-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Turbidity	**2.4**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Turbidity	**0.99**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Turbidity	**4.5**	0.10	EPA 180.1	5-5-23	5-5-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Turbidity	**6.1**	0.10	EPA 180.1	5-5-23	5-5-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0505W1					
Turbidity	**ND**	0.10	EPA 180.1	5-5-23	5-5-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	05-051-01								
	ORIG	DUP							
Turbidity	**12.0**	**11.2**	NA	NA	NA	NA	7	26	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Hardness	**97**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Hardness	**87**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Hardness	**57**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Hardness	**96**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Hardness	**98**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Hardness	**30**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Hardness	**20**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Hardness	**51**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	

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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0510WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	5-10-23	5-10-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-051-10										
	ORIG	DUP									
Hardness	**29.6**	**30.1**	NA		NA	NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	05-051-10										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**158**	**167**	132	132	29.6	97	104	75-125	6	20	
SPIKE BLANK											
Laboratory ID:	SB0510WH2										
	SB		SB			SB					
Hardness	**138**		132		NA	105		85-115	NA	NA	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Dissolved Organic Carbon	**7.2**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Dissolved Organic Carbon	**7.2**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Dissolved Organic Carbon	**8.5**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Dissolved Organic Carbon	**7.3**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Dissolved Organic Carbon	**8.9**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Dissolved Organic Carbon	**6.3**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Dissolved Organic Carbon	**9.1**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Dissolved Organic Carbon	**6.1**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Dissolved Organic Carbon	**10**	1.0	SM 5310B	5-9-23	5-9-23	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Dissolved Organic Carbon	**7.1**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Dissolved Organic Carbon	**12**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Dissolved Organic Carbon	**5.7**	1.0	SM 5310B	5-9-23	5-9-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Dissolved Organic Carbon	**5.9**	1.0	SM 5310B	5-9-23	5-9-23	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0509D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	5-9-23	5-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	05-051-01								
	ORIG	DUP							
Dissolved Organic Carbon	**7.22**	**7.24**	NA	NA	NA	NA	0	14	
MATRIX SPIKE									
Laboratory ID:	05-051-01								
	MS		MS		MS				
Dissolved Organic Carbon	**17.8**		10.0	7.22	106	82-123	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0509D1								
	SB		SB		SB				
Dissolved Organic Carbon	**11.2**		10.0	NA	112	89-122	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Total Phosphorus	**0.069**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Total Phosphorus	**0.12**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Total Phosphorus	**0.20**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Total Phosphorus	**0.077**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Total Phosphorus	**0.069**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Total Phosphorus	**0.053**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Total Phosphorus	**0.052**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Total Phosphorus	**0.059**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Total Phosphorus	**0.099**	0.010	EPA 365.1	5-8-23	5-8-23	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Total Phosphorus	**0.044**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Total Phosphorus	**0.026**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Total Phosphorus	**0.082**	0.010	EPA 365.1	5-8-23	5-8-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Total Phosphorus	**0.17**	0.010	EPA 365.1	5-8-23	5-8-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0508W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	5-8-23	5-8-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	05-051-01								
	ORIG	DUP							
Total Phosphorus	**0.0690**	**0.0747**	NA	NA	NA	NA	8	17	
MATRIX SPIKE									
Laboratory ID:	05-051-01								
	MS		MS		MS				
Total Phosphorus	**0.306**		0.250	0.0690	95	81-114	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0508W1								
	SB		SB		SB				
Total Phosphorus	**0.263**		0.250	NA	105	78-112	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Copper	**4.7**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**25**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Copper	**3.3**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**30**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Copper	**13**	5.0	EPA 200.8	5-8-23	5-10-23	
Zinc	**840**	25	EPA 200.8	5-8-23	5-10-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Copper	**8.7**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**42**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Copper	**6.0**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**60**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Copper	**1.3**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**19**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Copper	**3.0**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**6.6**	5.0	EPA 200.8	5-8-23	5-9-23	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Copper	**1.9**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**32**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Copper	**9.5**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**1700**	63	EPA 200.8	5-8-23	5-10-23	
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Copper	**1.2**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**ND**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Copper	**1.2**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**ND**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Copper	**1.3**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**5.9**	5.0	EPA 200.8	5-8-23	5-9-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Copper	**3.8**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**38**	5.0	EPA 200.8	5-8-23	5-9-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0508WH2					
Copper	**ND**	1.0	EPA 200.8	5-8-23	5-9-23	
Zinc	**ND**	5.0	EPA 200.8	5-8-23	5-9-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-051-07										
	ORIG	DUP									
Copper	**3.00**	**3.12**	NA	NA		NA		NA	4	20	
Zinc	**6.64**	**7.46**	NA	NA		NA		NA	12	20	
MATRIX SPIKES											
Laboratory ID:	05-051-07										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**102**	**104**	100	100	3.00	**99**	**101**	75-125	2	20	
Zinc	**109**	**111**	100	100	6.64	**102**	**104**	75-125	2	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Copper	**3.3**	1.0	EPA 200.8		5-9-23	
Zinc	**12**	5.0	EPA 200.8		5-9-23	
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Copper	**1.9**	1.0	EPA 200.8		5-9-23	
Zinc	**7.8**	5.0	EPA 200.8		5-9-23	
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Copper	**4.2**	1.0	EPA 200.8		5-9-23	
Zinc	**430**	25	EPA 200.8		5-9-23	
Client ID:	**TYLMO-20230505**					
Laboratory ID:	05-051-04					
Copper	**6.6**	1.0	EPA 200.8		5-9-23	
Zinc	**21**	5.0	EPA 200.8		5-9-23	
Client ID:	**TYLMI-20230505**					
Laboratory ID:	05-051-05					
Copper	**2.0**	1.0	EPA 200.8		5-9-23	
Zinc	**7.9**	5.0	EPA 200.8		5-9-23	
Client ID:	**MONMN-20230505**					
Laboratory ID:	05-051-06					
Copper	**ND**	1.0	EPA 200.8		5-9-23	
Zinc	**7.8**	5.0	EPA 200.8		5-9-23	
Client ID:	**MONMS-20230505**					
Laboratory ID:	05-051-07					
Copper	**2.2**	1.0	EPA 200.8		5-9-23	
Zinc	**ND**	5.0	EPA 200.8		5-9-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230505**					
Laboratory ID:	05-051-08					
Copper	**ND**	1.0	EPA 200.8		5-9-23	
Zinc	**9.7**	5.0	EPA 200.8		5-9-23	
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Copper	**6.3**	1.0	EPA 200.8		5-9-23	
Zinc	**1600**	63	EPA 200.8		5-9-23	
Client ID:	**SEIMN-20230505**					
Laboratory ID:	05-051-10					
Copper	**ND**	1.0	EPA 200.8		5-9-23	
Zinc	**ND**	5.0	EPA 200.8		5-9-23	
Client ID:	**COLM-20230505**					
Laboratory ID:	05-051-11					
Copper	**ND**	1.0	EPA 200.8		5-9-23	
Zinc	**ND**	5.0	EPA 200.8		5-9-23	
Client ID:	**SEIMS-20230505**					
Laboratory ID:	05-051-12					
Copper	**ND**	1.0	EPA 200.8		5-9-23	
Zinc	**ND**	5.0	EPA 200.8		5-9-23	
Client ID:	**QA137-20230505**					
Laboratory ID:	05-051-13					
Copper	**1.6**	1.0	EPA 200.8		5-9-23	
Zinc	**7.0**	5.0	EPA 200.8		5-9-23	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0509D1					
Copper	**ND**	1.0	EPA 200.8		5-9-23	
Zinc	**ND**	5.0	EPA 200.8		5-9-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-051-13										
	ORIG	DUP									
Copper	**1.63**	**1.56**	NA	NA		NA		NA	5	20	
Zinc	**6.96**	**6.90**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	05-051-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**71.8**	**71.0**	80.0	80.0	1.63	**88**	**87**	75-125	1	20	
Zinc	**83.8**	**81.0**	80.0	80.0	6.96	**96**	**93**	75-125	3	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230505**					
Laboratory ID:	05-051-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Chrysene	**0.017**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[b]fluoranthene	**0.021**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo(j,k)fluoranthene	**0.017**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]pyrene	**0.012**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Indeno(1,2,3-c,d)pyrene	**0.019**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Dibenz[a,h]anthracene	**0.014**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[g,h,i]perylene	**0.017**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*47*	*26-106*				
Pyrene-d10	*54*	*45-104*				
Terphenyl-d14	*69*	*43-114*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230505**					
Laboratory ID:	05-051-02					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]anthracene	**0.025**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Chrysene	**0.039**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[b]fluoranthene	**0.058**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo(j,k)fluoranthene	**0.023**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]pyrene	**0.033**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Indeno(1,2,3-c,d)pyrene	**0.039**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Dibenz[a,h]anthracene	**0.016**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[g,h,i]perylene	**0.036**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*51*	*26-106*				
Pyrene-d10	*58*	*45-104*				
Terphenyl-d14	*76*	*43-114*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230505**					
Laboratory ID:	05-051-03					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Chrysene	**0.040**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[b]fluoranthene	**0.016**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo(j,k)fluoranthene	**0.044**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]pyrene	**0.035**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Indeno(1,2,3-c,d)pyrene	**0.027**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Dibenz[a,h]anthracene	**0.011**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[g,h,i]perylene	**0.055**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*42*	*26-106*				
Pyrene-d10	*64*	*45-104*				
Terphenyl-d14	*81*	*43-114*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230505**					
Laboratory ID:	05-051-09					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Chrysene	**0.015**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[b]fluoranthene	**0.016**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo(j,k)fluoranthene	**0.013**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]pyrene	**0.011**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Indeno(1,2,3-c,d)pyrene	**0.014**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[g,h,i]perylene	**0.018**	0.011	EPA 8270E/SIM	5-8-23	5-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*52*	*26-106*				
Pyrene-d10	*63*	*45-104*				
Terphenyl-d14	*77*	*43-114*				

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Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0508W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	5-8-23	5-8-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*26-106*				
Pyrene-d10	*73*	*45-104*				
Terphenyl-d14	*86*	*43-114*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: May 30, 2023
Samples Submitted: May 5, 2023
Laboratory Reference: 2305-051
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0508W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.269**	**0.272**	0.500	0.500	54	54	35 - 84	1	34	
Acenaphthylene	**0.308**	**0.341**	0.500	0.500	62	68	44 - 97	10	29	
Acenaphthene	**0.285**	**0.327**	0.500	0.500	57	65	40 - 93	14	29	
Fluorene	**0.321**	**0.363**	0.500	0.500	64	73	46 - 97	12	24	
Phenanthrene	**0.336**	**0.379**	0.500	0.500	67	76	49 - 102	12	21	
Anthracene	**0.325**	**0.361**	0.500	0.500	65	72	50 - 99	10	21	
Fluoranthene	**0.374**	**0.429**	0.500	0.500	75	86	53 - 107	14	21	
Pyrene	**0.374**	**0.420**	0.500	0.500	75	84	52 - 111	12	23	
Benzo[a]anthracene	**0.454**	**0.524**	0.500	0.500	91	105	51 - 119	14	20	
Chrysene	**0.396**	**0.447**	0.500	0.500	79	89	52 - 113	12	21	
Benzo[b]fluoranthene	**0.394**	**0.458**	0.500	0.500	79	92	50 - 116	15	24	
Benzo(j,k)fluoranthene	**0.408**	**0.469**	0.500	0.500	82	94	54 - 113	14	22	
Benzo[a]pyrene	**0.384**	**0.441**	0.500	0.500	77	88	52 - 110	14	21	
Indeno(1,2,3-c,d)pyrene	**0.405**	**0.435**	0.500	0.500	81	87	55 - 114	7	21	
Dibenz[a,h]anthracene	**0.390**	**0.460**	0.500	0.500	78	92	55 - 111	16	19	
Benzo[g,h,i]perylene	**0.382**	**0.443**	0.500	0.500	76	89	52 - 111	15	20	
Surrogate:										
2-Fluorobiphenyl					*46*	*49*	*26-106*			
Pyrene-d10					*65*	*73*	*45-104*			
Terphenyl-d14					*76*	*86*	*43-114*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

May 30 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230505	Stormwater	23-A008141	Micro, NUT
COUMI-20230505	Stormwater	23-A008142	Micro, NUT
TOSMO-20230505	Stormwater	23-A008143	Micro, NUT
TYLMO-20230505	Stormwater	23-A008144	Micro, NUT
TYLMI-20230505	Stormwater	23-A008145	Micro, NUT
MONMN-20230505	Stormwater	23-A008146	Micro, NUT
MONMS-20230505	Stormwater	23-A008147	Micro, NUT
MONM-20230505	Stormwater	23-A008148	Micro, NUT
TOSMI-20230505	Stormwater	23-A008149	Micro, NUT
SEIMN-20230505	Stormwater	23-A008150	Micro, NUT
COLM-20230505	Stormwater	23-A008151	Micro, NUT
SEIMS-20230505	Stormwater	23-A008152	Micro, NUT
QA137-20230505	Stormwater	23-A008153	Micro, NUT

Your samples were received on Friday, May 5, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

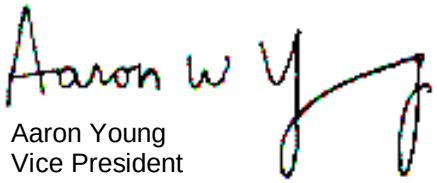
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2329470
PO Number: 05-051

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2329470
Project #: 14-05806-000
PO Number: 05-051
All results reported on an as received basis.

Date Received: 05/05/23
Date Reported: 5/30/23

AMTEST Identification Number **23-A008141**
Client Identification **COUMO-20230505**
Sampling Date **05/05/23, 07:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	210	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.21	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.782	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.426	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008142**
Client Identification **COUMI-20230505**
Sampling Date **05/05/23, 07:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	700	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.42	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.15	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.265	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008143**
Client Identification **TOSMO-20230505**
Sampling Date **05/05/23, 08:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	93.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.39	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.922	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.470	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008144**
Client Identification **TYLMO-20230505**
Sampling Date **05/05/23, 08:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	87.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.08	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.736	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.342	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008145**
Client Identification **TYLMI-20230505**
Sampling Date **05/05/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	54.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.70	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.40	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.299	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008146**
Client Identification **MONMN-20230505**
Sampling Date **05/05/23, 09:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	31.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	0.94	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.731	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.211	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008147**
Client Identification **MONMS-20230505**
Sampling Date **05/05/23, 09:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	51.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	0.94	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.781	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.159	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008148**
Client Identification **MONM-20230505**
Sampling Date **05/05/23, 09:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	82.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.15	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.884	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.266	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008149**
Client Identification **TOSMI-20230505**
Sampling Date **05/05/23, 07:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	140	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.45	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.909	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.541	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008150**
Client Identification **SEIMN-20230505**
Sampling Date **05/05/23, 08:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	12.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	0.86	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.726	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.134	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008151**
Client Identification **COLM-20230505**
Sampling Date **05/05/23, 08:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	30.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.26	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.23	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.025	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008152**
Client Identification **SEIMS-20230505**
Sampling Date **05/05/23, 09:30**

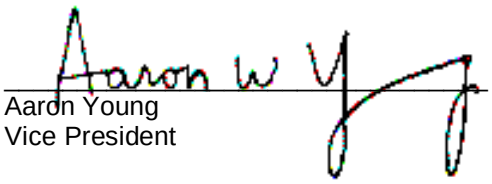
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	43.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.82	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.63	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.186	mg/l		0.02	SM4500NO3	AE	05/22/23

AMTEST Identification Number **23-A008153**
Client Identification **QA137-20230505**
Sampling Date **05/05/23, 07:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	93.	CFU/100 ml		1	SM 9222D	HU	05/05/23
Total Nitrogen (NOX&TKN)	1.98	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.72	mg/l		0.3	SM4500N	AE	05/26/23
Total Nitrate + Nitrite	0.260	mg/l		0.02	SM4500NO3	AE	05/22/23



Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A008141 to 23-A008153

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A008154	Fecal Coliform	CFU/100 ml	130	130	0.00
23-A008169	Fecal Coliform	CFU/100 ml	190	120	45.
23-A008195	Fecal Coliform	CFU/100 ml	1400	1200	15.
23-A008038	Total Nitrogen (TKN)	mg/l	1.79	1.83	2.2
23-A008091	Total Nitrogen (TKN)	mg/l	0.405	0.415	2.4
23-A008137	Total Nitrogen (TKN)	mg/l	0.697	0.699	0.29
23-A008147	Total Nitrogen (TKN)	mg/l	0.781	0.853	8.8
23-A008294	Total Nitrogen (TKN)	mg/l	0.628	0.737	16.
23-A008366	Total Nitrogen (TKN)	mg/l	8.89	9.53	6.9
23-A008490	Total Nitrogen (TKN)	mg/l	16.2	17.0	4.8
23-A008529	Total Nitrogen (TKN)	mg/l	0.767	0.763	0.52
23-A008150	Total Nitrate + Nitrite	mg/l	0.134	0.134	0.00
23-A008172	Total Nitrate + Nitrite	mg/l	0.384	0.378	1.6
23-A008272	Total Nitrate + Nitrite	mg/l	2.28	2.25	1.3
23-A008291	Total Nitrate + Nitrite	mg/l	0.479	0.472	1.5
23-A008360	Total Nitrate + Nitrite	mg/l	0.069	0.070	1.4
23-A008720	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A008809	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A008038	Total Nitrogen (TKN)	mg/l	1.79	7.32	5.00	110.60 %
23-A008091	Total Nitrogen (TKN)	mg/l	0.405	2.69	2.00	114.25 %
23-A008137	Total Nitrogen (TKN)	mg/l	0.697	3.03	2.00	116.65 %
23-A008147	Total Nitrogen (TKN)	mg/l	0.781	3.02	2.00	111.95 %
23-A008294	Total Nitrogen (TKN)	mg/l	0.628	2.96	2.00	116.60 %
23-A008366	Total Nitrogen (TKN)	mg/l	8.89	14.4	5.00	110.20 %
23-A008490	Total Nitrogen (TKN)	mg/l	16.2	42.8	25.0	106.40 %
23-A008529	Total Nitrogen (TKN)	mg/l	0.767	3.03	2.00	113.15 %
23-A008150	Total Nitrate + Nitrite	mg/l	0.134	1.08	1.00	94.60 %
23-A008172	Total Nitrate + Nitrite	mg/l	0.384	1.25	1.00	86.60 %
23-A008272	Total Nitrate + Nitrite	mg/l	2.28	3.12	1.00	84.00 %
23-A008291	Total Nitrate + Nitrite	mg/l	0.479	1.42	1.00	94.10 %
23-A008360	Total Nitrate + Nitrite	mg/l	0.069	0.986	1.00	91.70 %
23-A008720	Total Nitrate + Nitrite	mg/l	< 0.02	0.936	1.00	93.60 %
23-A008807	Total Nitrate + Nitrite	mg/l	< 0.02	0.945	1.00	94.50 %

QC Summary for sample numbers: 23-A008141 to 23-A008153...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.05	105. %
Total Nitrogen (TKN)	mg/l	1.00	1.09	109. %
Total Nitrogen (TKN)	mg/l	1.00	1.13	113. %
Total Nitrogen (TKN)	mg/l	1.00	1.07	107. %
Total Nitrogen (TKN)	mg/l	1.00	1.09	109. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.12	112. %
Total Nitrogen (TKN)	mg/l	1.00	1.09	109. %
Total Nitrogen (TKN)	mg/l	1.00	1.11	111. %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	0.992	99.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.971	97.1 %
Total Nitrate + Nitrite	mg/l	1.00	0.969	96.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.941	94.1 %
Total Nitrate + Nitrite	mg/l	1.00	0.964	96.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.984	98.4 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 05-051

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230505 8141	5/5/23	7:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230505 8142	5/5/23	7:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230505 8143	5/5/23	8:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230505 8144	5/5/23	8:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230505 8145	5/5/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230505 8146	5/5/23	9:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230505 8147	5/5/23	9:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230505 8148	5/5/23	9:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230505 8149	5/5/23	7:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230505 8150	5/5/23	8:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OSE	5/5/23	1338	T= 1.1°C
Received by: KH	Amtest	5/5/23	1338	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 05-051

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20230505 8151	5/5/23	8:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20230505 8152	5/5/23	9:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA137-20230505 8153	5/5/23	7:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OSE	5/5/23	1338	T=1.1°C
Received by: KH	Amtest	5/5/23	1338	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 05-051

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0505	5/5/23	7:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0505		7:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		8:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		8:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		8:50	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		9:35	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		9:50	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		9:55	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		7:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		8:20	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		8:55	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		9:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 137-20230505		7:45	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Nicole VanDeVelde Date 5/5/23 Received by _____ Date 5/5/23

Firm Herrera Time 10:35 Firm OSE Time 1035

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

10

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 05-051

Initiated by: MW

Date Initiated: 5/5/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	6,6,6,6
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	(Yes)	No		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4 & 3.2) #12) IL ID illegible

3.7) Coliform will expire < 24hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 05-051

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0505	5/5/23	7:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0505		7:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		9:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		8:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		8:50	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		9:35	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		9:50	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		9:55	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		7:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		8:20	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		8:55	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		9:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 137-20230505		7:45	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Nicole Vanderhoek Date 5/5/23 Received by _____ Date 5/5/23

Firm Herrera Time 10:35 Firm OSE Time 1035

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 7:25 PDT: ✓ PST:

Base Flow or (Storm Event)? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 50's & Rainy

Water Quality Sampling

Sample ID: COUMO-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	2	NA	↓
PAH's	Amber Glass	1L	2	NA	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.43

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 10

Specific Conductivity (µs/cm) 219.8

Dissolved Oxygen (mg/L) 10.86

Dissolved Oxygen (%) 96.2

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 7:45 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COUM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 50's & rain

Water Quality Sampling

Sample ID: COUM1-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): n/a can't access SG

Reference Point (description):

Water Quality Measurments

Temperature (°C) 9

Specific Conductivity (µs/cm) 268.8

Dissolved Oxygen (mg/L) 11.44

Dissolved Oxygen (%) 99

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 8:15 PDT: ✓

Base Flow or Storm Event? (Storm) **Field filtered 5 minutes later?** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 50's & rain

Water Quality Sampling

Sample ID: TOSMO-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color: brown

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.68

Reference Point (description): gage

Water Quality Measurments

Temperature (°C) 9.4

Specific Conductivity (µs/cm) 201.2

Dissolved Oxygen (mg/L) 11.44

Dissolved Oxygen (%) 100

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 8:40 PDT: ✓ PST:

Base Flow or Storm Event? (Storm)

Field filtered 5 minutes later? Y (N)
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 50's & rain

Water Quality Sampling

Sample ID: TYLMO-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	murky
Color:	clear/brown
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description): measure down from culvert

Water Quality Measurments

Temperature (°C) 9.7

Specific Conductivity (µs/cm) 130.4

Dissolved Oxygen (mg/L) 11.12

Dissolved Oxygen (%) 97.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 8:50 PDT: ✓ PST:

Base Flow or Storm Event? (Storm)

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 80's & Rainy

Water Quality Sampling

Sample ID: ~~TYLM1~~-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	murky
Color:	brown
Odor:	
Sheen:	
Floatables:	yes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.47

Reference Point (description): Measure down from culvert

Water Quality Measurments

Temperature (°C) 9.2

Specific Conductivity (µs/cm) 202.1

Dissolved Oxygen (mg/L) 10.48

Dissolved Oxygen (%) 91.1

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 9:30 PDT: ✓ PST:

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 50's & rain

Water Quality Sampling

Sample ID: SEIMS-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	2	NA	—
PAH's	Amber Glass	1L	2	NA	—

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: light brown

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.92

Reference Point (description): gage

Water Quality Measurments

Temperature (°C) 8.5

Specific Conductivity (µs/cm) 102.6

Dissolved Oxygen (mg/L) 11.31

Dissolved Oxygen (%) 96.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki & Allison

Sample Date: 5/5/23 **Sample Time:** 9:55 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 50's & Rain

Water Quality Sampling

Sample ID: MONM-2023-0505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	—
PAH's	Amber Glass	1L	2	NA	—

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): ~ 1.9 - hard to read gage

Reference Point (description):

Water Quality Measurments

Temperature (°C) 9.6

Specific Conductivity (µs/cm) 234.6

Dissolved Oxygen (mg/L) 11.27

Dissolved Oxygen (%) 98.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 5/5/23 **Sample Time:** 7:25 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 46°F

Water Quality Sampling

Sample ID: TOSM1-20230505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Clear

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.1

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 10.6

Specific Conductivity (µs/cm) 193.6

Dissolved Oxygen (mg/L) 10.81

Dissolved Oxygen (%) 97.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 5/5/23 **Sample Time:** 8:20 PDT: (PDT) PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y (N)
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 47°F

Water Quality Sampling

Sample ID: SEIMN-20230505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

~~YSI Pro DSS 1~~

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.79

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 10.0

Specific Conductivity (µs/cm) 85.9

Dissolved Oxygen (mg/L) 11.18

Dissolved Oxygen (%) 99.1

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 5/5/23 **Sample Time:** 8:55 PDT: ✓ PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y (N)
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 47F

Water Quality Sampling

Sample ID: COLM-20230505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Somewhat murky
Color:	clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.53

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 11.3

Specific Conductivity (µs/cm) 105.2

Dissolved Oxygen (mg/L) 9.83

Dissolved Oxygen (%) 89.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 5/5/23 **Sample Time:** 9:35 PDT: ⊗ PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N

(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50F

Water Quality Sampling

Sample ID: MONMN-20230505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.24

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 11.5

Specific Conductivity (µs/cm) 224.6

Dissolved Oxygen (mg/L) 10.20

Dissolved Oxygen (%) 93.7

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 5/5/23 **Sample Time:** 9:50 PDT / PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: MONMS-20230505

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.45

Reference Point (description): Water Level meter

Water Quality Measurments

Temperature (°C) 10.7

Specific Conductivity (µs/cm) 2421

Dissolved Oxygen (mg/L) 7.38

Dissolved Oxygen (%) 66.6

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 5/5/23 /All locations, QA137 (COUMI) Lab Ref No 2305-051

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	3	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	90	**±20**	7	**≤ 25**	NC	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	2	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	7	**≤ 25**	72	**≤ 25**	OK	FLAG COUMI J DUE TO FIELD DUPE EXCEEDANCE
Hardness	OK / SM 2340B	NA	**NA**	5	**≤180**	≤1.0 mg/L 1.0 mg/L	97, 104	**±25**	105	**±15**	2 MS 6	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	4	**≤28**	≤1.0 mg/L 1.0 mg/L	106	**±25**	112	**±15**	<1	**≤ 20**	20	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	3	**≤28**	≤0.01 mg/L 0.01 mg/L	95	**±25**	105	**±20**	9	**≤ 20**	34	**≤ 20**	OK	FLAG COUMI J DUE TO FIELD DUPE EXCEEDANCE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	17, 21	**≤28**	≤0.1 mg/L 0.1 mg/L	84-117	**±25**	96-111	**±20**	NC, 0-7 D=0-0.1	**≤ 20**	2, D=0.6	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 5/5/23 /All locations, QA137 (COUMI) Lab Ref No 2305-051

date 6/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	4-5	**≤180**	≤1.0 µg/L 1.0 µg/L	99, 101	**±25**	NR	**±15**	D=0.1 MS 2	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	4-5	**≤180**	≤5.0 µg/L 5.0 µg/L	102, 104	**±25**	NR	**±15**	D=0.8 MS 2	**≤ 20**	24	**≤ 20**	OK	NO FLAG FOR FIELD DUPE EXCEEDANCE, OTHER QA OK
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	4	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 87	**±25**	NR	**±15**	D=0.1 MS 1	**≤ 20**	D=0.3	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	4	**≤180**	≤5.0 µg/L 5.0 µg/L	96, 93	**±25**	NR	**±15**	D=0.06 MS 3	**≤ 20**	D=0.8	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	<1	**≤ 35**	153	**≤ 50**	OK	FLAG COUMI J DUE TO FIELD DUPE EXCEEDANCE
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED UPON RECEIPT OF RESULTS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	3, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 42-81	**19-127[4]**	54-105	**25-125[4]**	7-16, D=0-0.06	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 24, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2307-049

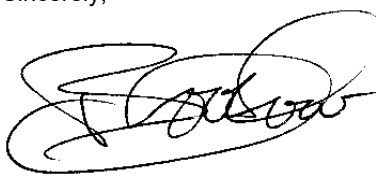
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on July 11, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

Case Narrative

Samples were collected on July 11, 2023 and received by the laboratory on July 11, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Total Suspended Solids	**13**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Total Suspended Solids	**11**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Total Suspended Solids	**7.0**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Total Suspended Solids	**32**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Total Suspended Solids	**31**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Total Suspended Solids	**5.0**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Total Suspended Solids	**8.8**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Total Suspended Solids	**8.4**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Total Suspended Solids	**8.8**	1.0	SM 2540D	7-12-23	7-12-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Total Suspended Solids	**54**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Total Suspended Solids	**19**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Total Suspended Solids	**69**	1.0	SM 2540D	7-12-23	7-12-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Total Suspended Solids	**12**	1.0	SM 2540D	7-12-23	7-12-23	

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Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0712W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	7-12-23	7-12-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-048-04								
	ORIG	DUP							
Total Suspended Solids	**4.40**	**5.00**	NA	NA	NA	NA	13	39	
SPIKE BLANK									
Laboratory ID:	SB0712W1								
	SB		SB		SB				
Total Suspended Solids	**83.0**		100	NA	83	56-120	NA	NA	

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Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Turbidity	**7.2**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Turbidity	**4.4**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Turbidity	**4.4**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Turbidity	**11**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Turbidity	**11**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Turbidity	**3.4**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Turbidity	**3.7**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Turbidity	**6.7**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Turbidity	**6.8**	0.10	EPA 180.1	7-11-23	7-11-23	

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Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Turbidity	**17**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Turbidity	**5.4**	0.10	EPA 180.1	7-11-23	7-11-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Turbidity	**43**	0.20	EPA 180.1	7-11-23	7-11-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Turbidity	**4.0**	0.10	EPA 180.1	7-11-23	7-11-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
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Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0711W1					
Turbidity	**ND**	0.10	EPA 180.1	7-11-23	7-11-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-048-01								
	ORIG	DUP							
Turbidity	**3.52**	**3.48**	NA	NA	NA	NA	1	26	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Hardness	**160**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Hardness	**170**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Hardness	**170**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Hardness	**150**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Hardness	**49**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Hardness	**28**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Hardness	**57**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	7-13-23	7-14-23	

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Laboratory Reference: 2307-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0713WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	7-13-23	7-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-049-06										
	ORIG	DUP									
Hardness	**120**	**121**	NA		NA	NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	07-049-06										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**247**	**253**	132	132	120	96	101	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB0713WH1										
	SB		SB			SB					
Hardness	**130**		132		NA	98		85-115	NA	NA	

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Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Dissolved Organic Carbon	**6.1**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Dissolved Organic Carbon	**4.3**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Dissolved Organic Carbon	**3.2**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Dissolved Organic Carbon	**4.8**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Dissolved Organic Carbon	**3.9**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Dissolved Organic Carbon	**5.8**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Dissolved Organic Carbon	**3.6**	1.0	SM 5310B	7-17-23	7-17-23	

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Laboratory Reference: 2307-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Dissolved Organic Carbon	**3.2**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Dissolved Organic Carbon	**15**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Dissolved Organic Carbon	**4.6**	1.0	SM 5310B	7-17-23	7-17-23	
Client ID:	**QA139-20230711**					
Laboratory ID:	07-049-14					
Dissolved Organic Carbon	**1.7**	1.0	SM 5310B	7-17-23	7-17-23	

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Laboratory Reference: 2307-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717W1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	7-17-23	7-17-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-049-01								
	ORIG	DUP							
Dissolved Organic Carbon	**6.13**	**5.73**	NA	NA	NA	NA	7	14	
MATRIX SPIKE									
Laboratory ID:	07-049-01								
	MS		MS		MS				
Dissolved Organic Carbon	**17.3**		10.0	6.13	112	82-123	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0717W1								
	SB		SB		SB				
Dissolved Organic Carbon	**11.3**		10.0	NA	113	89-122	NA	NA	

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Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Total Phosphorus	**0.092**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Total Phosphorus	**0.11**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Total Phosphorus	**0.071**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Total Phosphorus	**0.15**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Total Phosphorus	**0.091**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Total Phosphorus	**0.055**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Total Phosphorus	**0.11**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Total Phosphorus	**0.050**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Total Phosphorus	**0.079**	0.010	EPA 365.1	7-12-23	7-17-23	

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Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Total Phosphorus	**0.093**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Total Phosphorus	**0.029**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Total Phosphorus	**0.13**	0.010	EPA 365.1	7-12-23	7-17-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Total Phosphorus	**0.038**	0.010	EPA 365.1	7-12-23	7-17-23	

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Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0712W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	7-12-23	7-17-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-048-01								
	ORIG	DUP							
Total Phosphorus	**0.104**	**0.103**	NA	NA	NA	NA	1	17	
MATRIX SPIKE									
Laboratory ID:	07-048-01								
	MS		MS		MS				
Total Phosphorus	**0.343**		0.250	0.104	96	81-114	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0712W1								
	SB		SB		SB				
Total Phosphorus	**0.226**		0.250	NA	90	78-112	NA	NA	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Copper	**1.2**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**20**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Copper	**1.9**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**16**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Copper	**ND**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**20**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Copper	**1.7**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**17**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Copper	**5.0**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**60**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Copper	**ND**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**ND**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Copper	**2.3**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**17**	5.0	EPA 200.8	7-17-23	7-17-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Copper	**ND**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**39**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Copper	**2.2**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**68**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Copper	**1.2**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**ND**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Copper	**ND**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**5.3**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Copper	**1.9**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**28**	5.0	EPA 200.8	7-17-23	7-17-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Copper	**4.9**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**61**	5.0	EPA 200.8	7-17-23	7-17-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717WH1					
Copper	**ND**	1.0	EPA 200.8	7-17-23	7-17-23	
Zinc	**ND**	5.0	EPA 200.8	7-17-23	7-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	07-049-11									
	ORIG	DUP								
Copper	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Zinc	**5.34**	**7.08**	NA	NA		NA	NA	28	20	
MATRIX SPIKES										
Laboratory ID:	07-049-11									
	MS	MSD	MS	MSD		MS	MSD			
Copper	**101**	**105**	100	100	ND	**101**	**105**	75-125	3	20
Zinc	**113**	**116**	100	100	5.34	**108**	**111**	75-125	2	20

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**7.1**	5.0	EPA 200.8		7-17-23	
Client ID:	**TYLMO-20230711**					
Laboratory ID:	07-049-04					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**TYLMI-20230711**					
Laboratory ID:	07-049-05					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**MONMN-20230711**					
Laboratory ID:	07-049-06					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**MONMS-20230711**					
Laboratory ID:	07-049-07					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230711**					
Laboratory ID:	07-049-08					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**16**	5.0	EPA 200.8		7-17-23	
Client ID:	**SEIMN-20230711**					
Laboratory ID:	07-049-10					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**COLM-20230711**					
Laboratory ID:	07-049-11					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**6.8**	5.0	EPA 200.8		7-17-23	
Client ID:	**SEIMS-20230711**					
Laboratory ID:	07-049-12					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**QA138-20230711**					
Laboratory ID:	07-049-13					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	
Client ID:	**QA139-20230711**					
Laboratory ID:	07-049-14					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0717D1					
Copper	**ND**	1.0	EPA 200.8		7-17-23	
Zinc	**ND**	5.0	EPA 200.8		7-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-049-01										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	07-049-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**67.6**	**67.8**	80.0	80.0	ND	**85**	**85**	75-125	0	20	
Zinc	**74.4**	**74.4**	80.0	80.0	ND	**93**	**93**	75-125	0	20	

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230711**					
Laboratory ID:	07-049-01					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	7-13-23	7-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*68*	*26-106*				
Pyrene-d10	*79*	*45-104*				
Terphenyl-d14	*80*	*43-114*				

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230711**					
Laboratory ID:	07-049-02					
Naphthalene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
2-Methylnaphthalene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
1-Methylnaphthalene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthylene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Fluorene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Phenanthrene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Anthracene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Fluoranthene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Pyrene	**ND**	0.098	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]anthracene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Chrysene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[b]fluoranthene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo(j,k)fluoranthene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]pyrene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Dibenz[a,h]anthracene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[g,h,i]perylene	**ND**	0.0098	EPA 8270E/SIM	7-13-23	7-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*59*	*26-106*				
Pyrene-d10	*67*	*45-104*				
Terphenyl-d14	*69*	*43-114*				

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230711**					
Laboratory ID:	07-049-03					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Fluorene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Anthracene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Pyrene	**ND**	0.096	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	7-13-23	7-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*58*	*26-106*				
Pyrene-d10	*77*	*45-104*				
Terphenyl-d14	*74*	*43-114*				

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230711**					
Laboratory ID:	07-049-09					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	7-13-23	7-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*68*	*26-106*				
Pyrene-d10	*81*	*45-104*				
Terphenyl-d14	*83*	*43-114*				

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Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0713W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	7-13-23	7-13-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*51*	*26-106*				
Pyrene-d10	*62*	*45-104*				
Terphenyl-d14	*60*	*43-114*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: August 24, 2023
Samples Submitted: July 11, 2023
Laboratory Reference: 2307-049
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0713W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.329**	**0.290**	0.500	0.500	66	58	35 - 84	13	34	
Acenaphthylene	**0.373**	**0.312**	0.500	0.500	75	62	44 - 97	18	29	
Acenaphthene	**0.358**	**0.300**	0.500	0.500	72	60	40 - 93	18	29	
Fluorene	**0.381**	**0.337**	0.500	0.500	76	67	46 - 97	12	24	
Phenanthrene	**0.400**	**0.362**	0.500	0.500	80	72	49 - 102	10	21	
Anthracene	**0.405**	**0.356**	0.500	0.500	81	71	50 - 99	13	21	
Fluoranthene	**0.412**	**0.365**	0.500	0.500	82	73	53 - 107	12	21	
Pyrene	**0.414**	**0.347**	0.500	0.500	83	69	52 - 111	18	23	
Benzo[a]anthracene	**0.398**	**0.410**	0.500	0.500	80	82	51 - 119	3	20	
Chrysene	**0.461**	**0.389**	0.500	0.500	92	78	52 - 113	17	21	
Benzo[b]fluoranthene	**0.404**	**0.447**	0.500	0.500	81	89	50 - 116	10	24	
Benzo(j,k)fluoranthene	**0.404**	**0.388**	0.500	0.500	81	78	54 - 113	4	22	
Benzo[a]pyrene	**0.450**	**0.415**	0.500	0.500	90	83	52 - 110	8	21	
Indeno(1,2,3-c,d)pyrene	**0.402**	**0.373**	0.500	0.500	80	75	55 - 114	7	21	
Dibenz[a,h]anthracene	**0.453**	**0.426**	0.500	0.500	91	85	55 - 111	6	19	
Benzo[g,h,i]perylene	**0.438**	**0.401**	0.500	0.500	88	80	52 - 111	9	20	
Surrogate:										
2-Fluorobiphenyl					*64*	*49*	*26-106*			
Pyrene-d10					*74*	*64*	*45-104*			
Terphenyl-d14					*72*	*71*	*43-114*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Jul 28 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230711	Water	23-A011853	Micro, NUT
COUMI-20230711	Water	23-A011854	Micro, NUT
TOSMO-20230711	Water	23-A011855	Micro, NUT
TYLMO-20230711	Water	23-A011856	Micro, NUT
TYLMI-20230711	Water	23-A011857	Micro, NUT
MONMN-20230711	Water	23-A011858	Micro, NUT
MONMS-20230711	Water	23-A011859	Micro, NUT
MONM-20230711	Water	23-A011860	Micro, NUT
TOSMI-20230711	Water	23-A011861	Micro, NUT
SEIMN-20230711	Water	23-A011862	Micro, NUT
COLM-20230711	Water	23-A011863	Micro, NUT
SEIMS-20230711	Water	23-A011864	Micro, NUT
QA138-20230711	Water	23-A011865	Micro, NUT

Your samples were received on Tuesday, July 11, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2330330
PO Number: 07-049

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
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Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2330330
Project #: 14-05806-000
PO Number: 07-049
All results reported on an as received basis.

Date Received: 07/11/23
Date Reported: 7/28/23

AMTEST Identification Number **23-A011853**
Client Identification **COUMO-20230711**
Sampling Date **07/11/23, 10:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	2500	CFU/100 ml		10	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.363	mg/l		0.25	SM4500N	AE	07/25/23
Total Nitrate + Nitrite	0.396	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011854**
Client Identification **COUMI-20230711**
Sampling Date **07/11/23, 10:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	420	CFU/100 ml		10	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.55	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.290	mg/l		0.25	SM4500N	AE	07/25/23
Total Nitrate + Nitrite	0.257	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011855**
Client Identification **TOSMO-20230711**
Sampling Date **07/11/23, 11:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	270	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.97	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.326	mg/l		0.25	SM4500N	AE	07/25/23
Total Nitrate + Nitrite	0.643	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011856**
Client Identification **TYLMO-20230711**
Sampling Date **07/11/23, 11:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	410	CFU/100 ml		10	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.94	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.660	mg/l		0.25	SM4500N	AE	07/25/23
Total Nitrate + Nitrite	0.279	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011857**
Client Identification **TYLMI-20230711**
Sampling Date **07/11/23, 12:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	560	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	1.37	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.559	mg/l		0.25	SM4500N	AE	07/25/23
Total Nitrate + Nitrite	0.814	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011858**
Client Identification **MONMN-20230711**
Sampling Date **07/11/23, 13:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	3900	CFU/100 ml		10	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	< 0.25	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.25	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.113	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011859**
Client Identification **MONMS-20230711**
Sampling Date **07/11/23, 13:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	7.	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.37	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.339	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.031	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011860**
Client Identification **MONM-20230711**
Sampling Date **07/11/23, 13:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	1200	CFU/100 ml		10	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.63	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.359	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.267	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011861**
Client Identification **TOSMI-20230711**
Sampling Date **07/11/23, 10:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	140	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	1.16	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.408	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.755	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011862**
Client Identification **SEIMN-20230711**
Sampling Date **07/11/23, 11:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	61.	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.74	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.536	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.202	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011863**
Client Identification **COLM-20230711**
Sampling Date **07/11/23, 12:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	27.	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.600	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.045	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011864**
Client Identification **SEIMS-20230711**
Sampling Date **07/11/23, 12:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	1800	CFU/100 ml		10	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	1.54	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.22	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.315	mg/l		0.02	SM4500NO3	AE	07/18/23

AMTEST Identification Number **23-A011865**
Client Identification **QA138-20230711**
Sampling Date **07/11/23, 13:10**

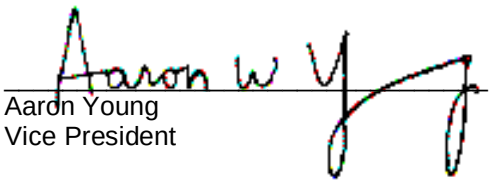
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	930	CFU/100 ml		1	SM 9222D	HU	07/12/23 08:40
Total Nitrogen (NOX&TKN)	1.38	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.536	mg/l		0.25	SM4500N	AE	07/26/23
Total Nitrate + Nitrite	0.842	mg/l		0.02	SM4500NO3	AE	07/18/23

Case Narrative:

The sample identified as QA138-20230711 has a sampled time of 12:00 on the bottle and 13:10 on COC.

No further corrective action was taken.



Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
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Professional Analytical Services

QC Summary for sample numbers: 23-A011853 to 23-A011865

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A011861	Fecal Coliform	CFU/100 ml	140	140	0.00
23-A011865	Fecal Coliform	CFU/100 ml	930	970	4.2
23-A011829	Total Nitrogen (TKN)	mg/l	0.569	0.637	11.
23-A011857	Total Nitrogen (TKN)	mg/l	0.559	0.460	19.
23-A012018	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
23-A011528	Total Nitrate + Nitrite	mg/l	0.357	0.365	2.2
23-A011565	Total Nitrate + Nitrite	mg/l	1.01	1.02	0.99
23-A011589	Total Nitrate + Nitrite	mg/l	0.467	0.468	0.21
23-A011605	Total Nitrate + Nitrite	mg/l	39.4	38.4	2.6
23-A011733	Total Nitrate + Nitrite	mg/l	0.512	0.507	0.98
23-A011830	Total Nitrate + Nitrite	mg/l	0.127	0.129	1.6
23-A011858	Total Nitrate + Nitrite	mg/l	0.113	0.115	1.8
23-A011871	Total Nitrate + Nitrite	mg/l	0.347	0.342	1.5
23-A011949	Total Nitrate + Nitrite	mg/l	0.466	0.468	0.43

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A011829	Total Nitrogen (TKN)	mg/l	0.569	2.47	2.00	95.05 %
23-A011857	Total Nitrogen (TKN)	mg/l	0.559	2.54	2.00	99.05 %
23-A012018	Total Nitrogen (TKN)	mg/l	< 0.25	1.04	1.00	104.00 %
23-A011528	Total Nitrate + Nitrite	mg/l	0.357	1.35	1.00	99.30 %
23-A011565	Total Nitrate + Nitrite	mg/l	1.01	2.03	1.00	102.00 %
23-A011589	Total Nitrate + Nitrite	mg/l	0.467	1.46	1.00	99.30 %
23-A011605	Total Nitrate + Nitrite	mg/l	39.4	78.9	40.0	98.75 %
23-A011733	Total Nitrate + Nitrite	mg/l	0.512	1.51	1.00	99.80 %
23-A011830	Total Nitrate + Nitrite	mg/l	0.127	1.12	1.00	99.30 %
23-A011858	Total Nitrate + Nitrite	mg/l	0.113	1.12	1.00	100.70 %
23-A011871	Total Nitrate + Nitrite	mg/l	0.347	1.34	1.00	99.30 %
23-A011949	Total Nitrate + Nitrite	mg/l	0.466	1.49	1.00	102.40 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.950	95.0 %
Total Nitrogen (TKN)	mg/l	1.00	0.968	96.8 %
Total Nitrogen (TKN)	mg/l	1.00	0.936	93.6 %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %

QC Summary for sample numbers: 23-A011853 to 23-A011865...

STANDARD REFERENCE MATERIALS continued....

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	0.974	97.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.994	99.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.981	98.1 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 07-049

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

	Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11853	1	COUMO-20230711	7/11/23	10:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11854	2	COUMI-20230711	7/11/23	10:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11855	3	TOSMO-20230711	7/11/23	11:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11856	4	TYLMO-20230711	7/11/23	11:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11857	5	TYLMI-20230711	7/11/23	12:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11858	6	MONMN-20230711	7/11/23	13:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11859	7	MONMS-20230711	7/11/23	13:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11860	8	MONM-20230711	7/11/23	13:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11861	9	TOSMI-20230711	7/11/23	10:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11862	10	SEIMN-20230711	7/11/23	11:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	7/11/23	3:30 PM	
Received by: KL	AmTest	7/11/23	15:30	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				T=6.8°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 07-049

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

	Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11863	11	COLM-20230711	7/11/23	12:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11864	12	SEIMS-20230711	7/11/23	12:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
11865	13	QA138-20230711	7/11/23	13:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	7/11/23	3:30 pm	
Received by:	KL	AmTest	7/11/23	16:30	**EDDs - CSV**
Relinquished by:					**Reporting Limits:**
Received by:					**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:					**Total Nitrogen - .10 mg/L**
Received by:					T=6.8°C

07-049

CHAIN OF CUSTODY

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0711	07/11/23	10:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		10:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		11:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		11:35	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		12:00 NV	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		~~13:15~~ 13:10	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		13:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:15	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		10:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:45	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		12:20	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		12:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA138-2023		12:00	Water	7	X	X	X	X	X	X	X	X	X		
14	QA139-2023		13:10	Water	2				X				~~X~~ NV	X		

Relinquished by Nicole VanDutto Date 7/11/23 Received by _____ Date 7/11/23

Firm Herrera Time 1410 Firm OSE Time 1410

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

07-049

CHAIN OF CUSTODY

Page 1 of 1

Laboratory No.

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2023 0711	07/11/23	10:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2023		10:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2023		11:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2023		11:35	Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2023		12:00 NV	Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2023		~~13:15~~ 13:10	Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2023		13:30	Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2023		13:15	Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2023		10:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2023		11:45	Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2023		12:20	Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2023		12:30	Water	7	X	X	X	X	X	X	X	X	X		
	QA138-2023		12:00	Water	7	X	X	X	X	X	X	X	X	X		
	QA139-2023		13:10	Water	2				X				~~X~~ NV	X		

Relinquished by [signature] Date 7/11/23 Received by [signature] Date 7/11/23

Firm Herrera Time 1410 Firm OSE Time 1410

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	N. VandePutte
Meter:	ProDSS #2
Date/Time:	6/12/23 14:30
Barometric Pressure Start of Day:	mmHg: 769.6 Time: 14:30
Barometric Pressure End of Day:	mmHg: 766.6 Time: 15:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	8.5	0	21.7	
Conductivity (µS/cm)	953	1,000	21.7	
Conductivity (µS/cm)	103.0	100	21.5	
DO % Saturation	102.0	100	21.5	

7/11/23

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	8.2	0	22.5	
Conductivity (µS/cm)	98.3	100	22.4	
DO % Saturation	101.0	100	22.4	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	N. VandePutte
Meter:	ProDSS #1
Date/Time:	6/12/23 14:10
Barometric Pressure Start of Day:	mmHg: 769.4 Time: 14:10
Barometric Pressure End of Day:	mmHg: 766.6 Time: 15:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	9.0	0	22.8	
Conductivity (µS/cm)	938	1,000	22.6	
Conductivity (µS/cm)	109.6	100	22.8	
DO % Saturation	101.4	100	22.8	

7/11/23

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	10.5	0	23.5	
Conductivity (µS/cm)	96.1	100	24.9	
DO % Saturation	101.4	100	24.9	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF + MMM

Sample Date: 2023-07-11 **Sample Time:** 12:30 PDT X PST

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: SEIMS20230711

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 70° SUNNY/CLOUDY

Water Quality Sampling

Sample ID: SEIMS20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	ND
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: NA

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: CLEAR

Color: CLEAR

Odor: NONE

Sheen: NONE

Floatables: NON

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.85 FT

Reference Point (description): GAGE

Water Quality Measurments

Temperature (°C) 12.1

Specific Conductivity (µs/cm) 121.3

Dissolved Oxygen (mg/L) 10.41

Dissolved Oxygen (%) 96.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF MMH

Sample Date: 7/11/23 **Sample Time:** 11:10 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: 20230711 TOSM[redacted]

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: [redacted] 68° SUNNY/CLOUDY

Water Quality Sampling

Sample ID: TOSM[redacted]

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: CLEAR

Color: CLEAR

Odor: NONE

Sheen: NONE

Floatables: NONE

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.532

Reference Point (description): GAUGE

Water Quality Measurments

Temperature (°C) 12.1

Specific Conductivity (µs/cm) 277.3

Dissolved Oxygen (mg/L) 10.61

Dissolved Oxygen (%) 98.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF & MMH

Sample Date: 7/11/23 **Sample Time:** 10:30 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COVMO 20230711

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 65° CLOUDY/OVERCAST

Water Quality Sampling

Sample ID: COVMO20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: CLEAR

Color: CLEAR

Odor: NONE

Sheen: NONE

Floatables: NONE

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

~~Stream Stage~~ Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.38FT

Reference Point (description): gage

Water Quality Measurments

Temperature (°C) 13.5

Specific Conductivity (µs/cm) 325.3

Dissolved Oxygen (mg/L) 10.02

Dissolved Oxygen (%) 96.2

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF + MMH

Sample Date: 7/11/23 **Sample Time:** 10:58 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COUMI 20230711

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 65° CLOUDY/OVERCAST

Water Quality Sampling

Sample ID: COUMI20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NC
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: CLEAR

Color: CLEAR

Odor: NONE

Sheen: NONE

Floatables: NONE

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

~~Stream Stage~~ Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): NA

Reference Point (description): DENSE BRUSH → TOO BRUSHY - TRIED MULTIPLE ANGLES BUT COULDN'T SEE

Water Quality Measurments

Temperature (°C) 12.6

Specific Conductivity (µs/cm) 333.4

Dissolved Oxygen (mg/L) 10.38

Dissolved Oxygen (%) 97.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF+MMH

Sample Date: 7/11/23 **Sample Time:** 11:35 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO20230711

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 68° SUNNY/CLOUDY

Water Quality Sampling

Sample ID: TYLMO ~~FH~~ 20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	NA
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	CLEAR
Color:	CLEAR
Odor:	CHEMICAL/STRONG ODOR
Sheen:	NONE
Floatables:	NONE

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.98ft

Reference Point (description): TOP OF CULVERT

Water Quality Measurments

Temperature (°C) 13.2°

Specific Conductivity (µs/cm) 2187

Dissolved Oxygen (mg/L) 10.79

Dissolved Oxygen (%) 98.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF + MMM

Sample Date: 7/11/23 **Sample Time:** ~~13~~ 12:00 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TYUMI20230711

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 108° SUNNY / CLOUDY

Water Quality Sampling

Sample ID: TYUMI20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	YES
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	QA130
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	CLEAR
Color:	MUDDY
Odor:	NONE
Sheen:	NONE
Floatables:	NONE

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

~~Stream~~ Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.46 FT

Reference Point (description): TOP OF CULVERT

Water Quality Measurments

Temperature (°C) 14.0

Specific Conductivity (µs/cm) 17.9

Dissolved Oxygen (mg/L) 9.19

Dissolved Oxygen (%) 89.2

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SZ

Sample Date: 7/11/23 **Sample Time:** 13:10 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly Sunny 72°

Water Quality Sampling

Sample ID: MONMN-20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	↓
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	GA139-20230711
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Filter blank done here

Clarity:	Clear
Color:	Clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.23

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 15.6

Specific Conductivity (µs/cm) 215.5

Dissolved Oxygen (mg/L) 9.30

Dissolved Oxygen (%) 93.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SZ

Sample Date: 7/11/23 **Sample Time:** 13:30 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later; Y / N**
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly sunny, 74°

Water Quality Sampling

Sample ID: MONMS-20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

~~YSI Pro DSS 1~~

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.8

Reference Point (description): water level meter

Water Quality Measurments

Temperature (°C) 15.8

Specific Conductivity (µs/cm) 369.1

Dissolved Oxygen (mg/L) 3.66

Dissolved Oxygen (%) 30.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF + MMH

Sample Date: 20230711 **Sample Time:** 1300 13:15 PDT: X PST:

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: MONM ~~MOMN~~20230711

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 71° SUNNY

Water Quality Sampling

Sample ID: MONM ~~MOMN~~20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: NA
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: CLEAR
Color: CLEAR
Odor: NONE
Sheen: NONE
Floatables: NONE

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**
Date Checked: **Time:**
Data Entered into Database? YES NO **initials:**
Date Entered: **Time:**
Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

~~Stream Stage~~ Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.57

Reference Point (description): GAUGE

Water Quality Measurments

Temperature (°C) 13.0

Specific Conductivity (µs/cm) 248.5

Dissolved Oxygen (mg/L) 10.25

Dissolved Oxygen (%) 97.4

NOTE *IN BETWEEN POOL AND WIER WAS A LARGE DRY PATH

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SZ

Sample Date: 7/11/23 **Sample Time:** 10:30 PDT X PST

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y / N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 67° F

Water Quality Sampling

Sample ID: TOSM1-20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.82

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 14.2

Specific Conductivity (µs/cm) 304.4

Dissolved Oxygen (mg/L) 10.15

Dissolved Oxygen (%) 99.1

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SZ

Sample Date: 7/11/23 **Sample Time:** 11:45 PDT X PST

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly Cloudy

Water Quality Sampling

Sample ID: SEIMN-20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	Clear
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.7

Reference Point (description): Bolt

Water Quality Measurments

Temperature (°C) 12.7

Specific Conductivity (µs/cm) 109.6

Dissolved Oxygen (mg/L) 10.57

Dissolved Oxygen (%) 99.6

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: NV, SZ

Sample Date: 7/11/23 **Sample Time:** 12:20 PDT X PST

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly cloudy

Water Quality Sampling

Sample ID: COLM-20230711

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: yellowish

Odor: N/A

Sheen: N/A

Floatables: yes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.7

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 14.4

Specific Conductivity (µs/cm) 116.9

Dissolved Oxygen (mg/L) 7.07

Dissolved Oxygen (%) 69.2

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/8/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JB

Sample Date/Sample ID: 7/11/2023 /All locations, QA138 (TYLMI) Lab Ref No 2307-049

date 11/8/23

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	83	**±20**	D=0.6	**≤ 25**	88	**≤ 25**	OK	FLAG TYLMI J FOR HIGH FIELD DUPE RPD
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	1	**≤ 25**	93	**≤ 25**	OK	FLAG TYLMI J FOR HIGH FIELD DUPE RPD
Hardness	OK / SM 2340B	NA	**NA**	3	**≤180**	≤1.0 mg/L 1.0 mg/L	96, 101	**±25**	98	**±15**	1, MS 2	**≤ 20**	9	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	6	**≤28**	≤1.0 mg/L 1.0 mg/L	112	**±25**	113	**±15**	7	**≤ 20**	D=0.7	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	96	**±25**	90	**±20**	1	**≤ 20**	D=0.05	**≤ 20**	OK	FLAG TYLMI J FOR HIGH FIELD DUPE DIFFERENCE (D>2*RL)
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	7, 15	**≤28**	≤0.1 mg/L 0.1 mg/L	95-104; 99-102	**±25**	94-97; 98-103	**±20**	NC, <1-3, D=0.07-0.1	**≤ 20**	3, D=0.02	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/8/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JB

Sample Date/Sample ID: 7/11/2023 /All locations, QA138 (TYLMI) Lab Ref No 2307-049

date 11/8/23

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	101, 105	**±25**	NR	**±15**	NC, MS 3	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	108, 111	**±25**	NR	**±15**	D=1.7, MS 2	**≤ 20**	2	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	85, 85	**±25**	NR	**±15**	NC, MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	93, 93	**±25**	NR	**±15**	NC, MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	<1, 4	**≤ 35**	50	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	NS	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED UPON RECEIPT OF RESULTS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	2, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 58-83	**19-127[4]**	58-92	**25-125[4]**	3-17; D=0.04-0.07	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 27, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-253

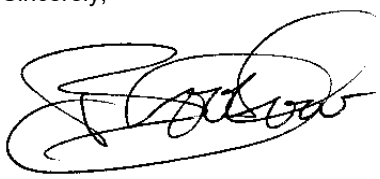
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 25, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

Case Narrative

Samples were collected on September 25, 2023 and received by the laboratory on September 25, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Total Suspended Solids	**14**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Total Suspended Solids	**25**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Total Suspended Solids	**25**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Total Suspended Solids	**210**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Total Suspended Solids	**13**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Total Suspended Solids	**34**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Total Suspended Solids	**5.6**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Total Suspended Solids	**37**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Total Suspended Solids	**36**	1.0	SM 2540D	9-26-23	9-26-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Total Suspended Solids	**130**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Total Suspended Solids	**55**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Total Suspended Solids	**230**	1.0	SM 2540D	9-26-23	9-26-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Total Suspended Solids	**4.6**	1.0	SM 2540D	9-26-23	9-26-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0926W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	9-26-23	9-26-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-253-04								
	ORIG	DUP							
Total Suspended Solids	**213**	**186**	NA	NA	NA	NA	14	39	
SPIKE BLANK									
Laboratory ID:	SB0926W1								
	SB		SB		SB				
Total Suspended Solids	**85.0**		100	NA	85	56-120	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Turbidity	**11**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Turbidity	**9.3**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Turbidity	**16**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Turbidity	**13**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Turbidity	**1.6**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Turbidity	**4.8**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Turbidity	**3.7**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Turbidity	**3.6**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Turbidity	**6.2**	0.10	EPA 180.1	9-26-23	9-26-23	

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TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Turbidity	**3.5**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Turbidity	**4.4**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Turbidity	**12**	0.10	EPA 180.1	9-26-23	9-26-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Turbidity	**ND**	0.10	EPA 180.1	9-26-23	9-26-23	

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Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0926W1					
Turbidity	**ND**	0.10	EPA 180.1	9-26-23	9-26-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-253-01								
	ORIG	DUP							
Turbidity	**11.2**	**9.95**	NA	NA	NA	NA	12	26	

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HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Hardness	**68**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Hardness	**64**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Hardness	**38**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Hardness	**68**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	

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HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Hardness	**75**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Hardness	**44**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Hardness	**50**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Hardness	**44**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	

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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1003WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	10-3-23	10-3-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-253-01										
	ORIG	DUP									
Hardness	**68.1**	**75.3**	NA		NA	NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	09-253-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**204**	**194**	132	132	68.1	103	95	75-125	5	20	
SPIKE BLANK											
Laboratory ID:	SB1003WH1										
	SB		SB			SB					
Hardness	**126**		132		NA	95		85-115	NA	NA	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Dissolved Organic Carbon	**8.8**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Dissolved Organic Carbon	**7.2**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Dissolved Organic Carbon	**7.9**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Dissolved Organic Carbon	**10**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Dissolved Organic Carbon	**8.9**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Dissolved Organic Carbon	**6.5**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Dissolved Organic Carbon	**7.2**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Dissolved Organic Carbon	**6.8**	1.0	SM 5310B	10-6-23	10-6-23	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Dissolved Organic Carbon	**5.1**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Dissolved Organic Carbon	**15**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	10-6-23	10-6-23	
Client ID:	**QA140-20230925**					
Laboratory ID:	09-253-15					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	10-6-23	10-6-23	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	10-6-23	10-6-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-253-02								
	ORIG	DUP							
Dissolved Organic Carbon	**8.78**	**9.025**	NA	NA	NA	NA	3	14	
MATRIX SPIKE									
Laboratory ID:	09-253-02								
	MS		MS		MS				
Dissolved Organic Carbon	**19.5**		10.0	8.78	107	82-123	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1006D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.36**		10.0	NA	94	89-122	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Total Phosphorus	**0.079**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Total Phosphorus	**0.14**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Total Phosphorus	**0.12**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Total Phosphorus	**0.055**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Total Phosphorus	**0.058**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Total Phosphorus	**0.12**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Total Phosphorus	**0.063**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Total Phosphorus	**0.15**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Total Phosphorus	**0.093**	0.010	EPA 365.1	10-2-23	10-2-23	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Total Phosphorus	**0.16**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Total Phosphorus	**0.10**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Total Phosphorus	**0.051**	0.010	EPA 365.1	10-2-23	10-2-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-2-23	10-2-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-2-23	10-2-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-253-01								
	ORIG	DUP							
Total Phosphorus	**0.0791**	**0.0831**	NA	NA	NA	NA	5	17	
MATRIX SPIKE									
Laboratory ID:	09-253-01								
	MS		MS		MS				
Total Phosphorus	**0.323**		0.250	0.0791	98	81-114	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0928W1								
	SB		SB		SB				
Total Phosphorus	**0.231**		0.250	NA	92	78-112	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Copper	**3.7**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**68**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Copper	**2.8**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**130**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Copper	**4.7**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**42**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Copper	**5.2**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**15**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Copper	**13**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**150**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Copper	**3.3**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**49**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Copper	**1.6**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**ND**	5.0	EPA 200.8	10-2-23	10-3-23	

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Copper	**3.1**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**41**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Copper	**7.0**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**100**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Copper	**2.7**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**ND**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Copper	**1.7**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**5.7**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Copper	**4.7**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**14**	5.0	EPA 200.8	10-2-23	10-3-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Copper	**ND**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**ND**	5.0	EPA 200.8	10-2-23	10-3-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1002WH2					
Copper	**ND**	1.0	EPA 200.8	10-2-23	10-3-23	
Zinc	**ND**	5.0	EPA 200.8	10-2-23	10-3-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-253-14										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-253-14										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**93.8**	**89.6**	100	100	ND	**94**	**90**	75-125	5	20	
Zinc	**93.8**	**88.4**	100	100	ND	**94**	**88**	75-125	6	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Copper	**2.6**	1.0	EPA 200.8		10-3-23	
Zinc	**51**	5.0	EPA 200.8		10-3-23	
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Copper	**1.5**	1.0	EPA 200.8		10-3-23	
Zinc	**83**	5.0	EPA 200.8		10-3-23	
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Copper	**2.6**	1.0	EPA 200.8		10-3-23	
Zinc	**12**	5.0	EPA 200.8		10-3-23	
Client ID:	**TYLMO-20230925**					
Laboratory ID:	09-253-04					
Copper	**3.7**	1.0	EPA 200.8		10-3-23	
Zinc	**8.3**	5.0	EPA 200.8		10-3-23	
Client ID:	**TYLMI-20230925**					
Laboratory ID:	09-253-05					
Copper	**1.9**	1.0	EPA 200.8		10-3-23	
Zinc	**ND**	5.0	EPA 200.8		10-3-23	
Client ID:	**MONMN-20230925**					
Laboratory ID:	09-253-06					
Copper	**2.1**	1.0	EPA 200.8		10-3-23	
Zinc	**22**	5.0	EPA 200.8		10-3-23	
Client ID:	**MONMS-20230925**					
Laboratory ID:	09-253-07					
Copper	**1.1**	1.0	EPA 200.8		10-3-23	
Zinc	**ND**	5.0	EPA 200.8		10-3-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230925**					
Laboratory ID:	09-253-08					
Copper	**1.7**	1.0	EPA 200.8		10-3-23	
Zinc	**11**	5.0	EPA 200.8		10-3-23	
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Copper	**3.6**	1.0	EPA 200.8		10-3-23	
Zinc	**23**	5.0	EPA 200.8		10-3-23	
Client ID:	**SEIMN-20230925**					
Laboratory ID:	09-253-10					
Copper	**ND**	1.0	EPA 200.8		10-3-23	
Zinc	**ND**	5.0	EPA 200.8		10-3-23	
Client ID:	**SEIMS-20230925**					
Laboratory ID:	09-253-11					
Copper	**ND**	1.0	EPA 200.8		10-3-23	
Zinc	**ND**	5.0	EPA 200.8		10-3-23	
Client ID:	**QA139-20230925**					
Laboratory ID:	09-253-12					
Copper	**3.9**	1.0	EPA 200.8		10-3-23	
Zinc	**8.4**	5.0	EPA 200.8		10-3-23	
Client ID:	**QA141-20230925**					
Laboratory ID:	09-253-14					
Copper	**ND**	1.0	EPA 200.8		10-3-23	
Zinc	**ND**	5.0	EPA 200.8		10-3-23	
Client ID:	**QA140-20230925**					
Laboratory ID:	09-253-15					
Copper	**ND**	1.0	EPA 200.8		10-3-23	
Zinc	**ND**	5.0	EPA 200.8		10-3-23	

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0928F1					
Copper	**ND**	1.0	EPA 200.8	9-28-23	10-3-23	
Zinc	**ND**	5.0	EPA 200.8	9-28-23	10-3-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-313-02										
	ORIG	DUP									
Copper	**2.20**	**2.06**	NA	NA		NA		NA	7	20	
Zinc	**8.90**	**8.98**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	09-313-02										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**71.6**	**69.0**	80.0	80.0	2.20	**87**	**84**	75-125	4	20	
Zinc	**81.4**	**78.6**	80.0	80.0	8.90	**91**	**87**	75-125	4	20	

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230925**					
Laboratory ID:	09-253-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*68*	*26-106*				
Pyrene-d10	*78*	*45-104*				
Terphenyl-d14	*94*	*43-114*				

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230925**					
Laboratory ID:	09-253-02					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Fluorene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Anthracene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Pyrene	**ND**	0.096	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[g,h,i]perylene	**0.012**	0.0096	EPA 8270E/SIM	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*26-106*				
Pyrene-d10	*64*	*45-104*				
Terphenyl-d14	*79*	*43-114*				

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230925**					
Laboratory ID:	09-253-03					
Naphthalene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
2-Methylnaphthalene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
1-Methylnaphthalene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Acenaphthylene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Acenaphthene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Fluorene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Phenanthrene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Anthracene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Fluoranthene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Pyrene	**ND**	0.097	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[a]anthracene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Chrysene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo(j,k)fluoranthene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[g,h,i]perylene	**ND**	0.0097	EPA 8270E/SIM	9-29-23	10-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*62*	*26-106*				
Pyrene-d10	*75*	*45-104*				
Terphenyl-d14	*92*	*43-114*				

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230925**					
Laboratory ID:	09-253-09					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Pyrene	**ND**	0.099	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Chrysene	**0.012**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[b]fluoranthene	**0.010**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	9-29-23	10-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*54*	*26-106*				
Pyrene-d10	*74*	*45-104*				
Terphenyl-d14	*91*	*43-114*				

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**QA139B-20230925**					
Laboratory ID:	09-253-13					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	9-29-23	10-2-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*59*	*26-106*				
Pyrene-d10	*73*	*45-104*				
Terphenyl-d14	*86*	*43-114*				

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Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0929W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	9-29-23	9-29-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*26-106*				
Pyrene-d10	*83*	*45-104*				
Terphenyl-d14	*92*	*43-114*				

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Date of Report: October 27, 2023
Samples Submitted: September 25, 2023
Laboratory Reference: 2309-253
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0929W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.327**	**0.346**	0.500	0.500	65	69	35 - 84	6	34	
Acenaphthylene	**0.444**	**0.470**	0.500	0.500	89	94	44 - 97	6	29	
Acenaphthene	**0.356**	**0.396**	0.500	0.500	71	79	40 - 93	11	29	
Fluorene	**0.378**	**0.422**	0.500	0.500	76	84	46 - 97	11	24	
Phenanthrene	**0.385**	**0.443**	0.500	0.500	77	89	49 - 102	14	21	
Anthracene	**0.401**	**0.459**	0.500	0.500	80	92	50 - 99	13	21	
Fluoranthene	**0.385**	**0.459**	0.500	0.500	77	92	53 - 107	18	21	
Pyrene	**0.386**	**0.452**	0.500	0.500	77	90	52 - 111	16	23	
Benzo[a]anthracene	**0.410**	**0.484**	0.500	0.500	82	97	51 - 119	17	20	
Chrysene	**0.403**	**0.475**	0.500	0.500	81	95	52 - 113	16	21	
Benzo[b]fluoranthene	**0.389**	**0.457**	0.500	0.500	78	91	50 - 116	16	24	
Benzo(j,k)fluoranthene	**0.431**	**0.509**	0.500	0.500	86	102	54 - 113	17	22	
Benzo[a]pyrene	**0.393**	**0.469**	0.500	0.500	79	94	52 - 110	18	21	
Indeno(1,2,3-c,d)pyrene	**0.407**	**0.471**	0.500	0.500	81	94	55 - 114	15	21	
Dibenz[a,h]anthracene	**0.432**	**0.503**	0.500	0.500	86	101	55 - 111	15	19	
Benzo[g,h,i]perylene	**0.438**	**0.483**	0.500	0.500	88	97	52 - 111	10	20	
Surrogate:										
2-Fluorobiphenyl					*71*	*76*	*26-106*			
Pyrene-d10					*76*	*90*	*45-104*			
Terphenyl-d14					*88*	*100*	*43-114*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Oct 11 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230925	Water	23-A016511	Micro, NUT
COUMI-20230925	Water	23-A016512	Micro, NUT
TOSMO-20230925	Water	23-A016513	Micro, NUT
TYLMO-20230925	Water	23-A016514	Micro, NUT
TYLMI-20230925	Water	23-A016515	Micro, NUT
MONMN-20230925	Water	23-A016516	Micro, NUT
MONMS-20230925	Water	23-A016517	Micro, NUT
MONM-20230925	Water	23-A016518	Micro, NUT
TOSMI-20230925	Water	23-A016519	Micro, NUT
SEIMN-20230925	Water	23-A016520	Micro, NUT
SEIMS-20230925	Water	23-A016521	Micro, NUT
QA139-20230925	Water	23-A016522	Micro, NUT
QA141-20230925	Water	23-A016523	Micro, NUT

Your samples were received on Monday, September 25, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2331420

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Mineral

Am Test Inc.
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www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2331420
Project #: 14-05806-000
All results reported on an as received basis.

Date Received: 09/25/23
Date Reported: 10/11/23

AMTEST Identification Number **23-A016511**
Client Identification **COUMO-20230925**
Sampling Date **09/25/23, 11:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	2400	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.18	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.729	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.451	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016512**
Client Identification **COUMI-20230925**
Sampling Date **09/25/23, 12:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	610	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.32	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.915	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.402	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016513**
Client Identification **TOSMO-20230925**
Sampling Date **09/25/23, 12:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	710	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.19	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.723	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.467	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016514**
Client Identification **TYLMO-20230925**
Sampling Date **09/25/23, 12:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	1400	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.26	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.826	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.434	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016515**
Client Identification **TYLMI-20230925**
Sampling Date **09/25/23, 13:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	420	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.02	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.576	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016516**
Client Identification **MONMN-20230925**
Sampling Date **09/25/23, 14:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	630	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.31	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.04	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.271	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016517**
Client Identification **MONMS-20230925**
Sampling Date **09/25/23, 14:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	320	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.645	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.250	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016518**
Client Identification **MONM-20230925**
Sampling Date **09/25/23, 13:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	670	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.37	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.07	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.299	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016519**
Client Identification **TOSMI-20230925**
Sampling Date **09/25/23, 11:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	690	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.16	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.680	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.483	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016520**
Client Identification **SEIMN-20230925**
Sampling Date **09/25/23, 11:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	160	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.44	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.995	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.445	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016521**
Client Identification **SEIMS-20230925**
Sampling Date **09/25/23, 14:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	420	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.83	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.32	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.509	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016522**
Client Identification **QA139-20230925**
Sampling Date **09/25/23, 12:55**

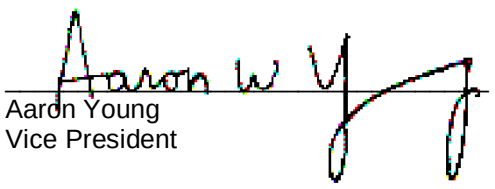
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	570	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	1.21	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.774	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	0.440	mg/l		0.02	SM4500NO3	AE	10/04/23

AMTEST Identification Number **23-A016523**
Client Identification **QA141-20230925**
Sampling Date **09/25/23, 11:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE/TIME
Fecal Coliform	< 1	CFU/100 ml		1	SM 9222D	HU	09/26/23 09:45
Total Nitrogen (NOX&TKN)	< 0.25	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	< 0.25	mg/l		0.25	SM4500N	AE	10/05/23
Total Nitrate + Nitrite	< 0.02	mg/l		0.02	SM4500NO3	AE	10/04/23



Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
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Professional Analytical Services

QC Summary for sample numbers: 23-A016511 to 23-A016523

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A016517	Fecal Coliform	CFU/100 ml	320	280	13.
23-A016523	Fecal Coliform	CFU/100 ml	< 1	< 1	
23-A015979	Total Nitrogen (TKN)	mg/l	46.7	49.5	5.8
23-A015989	Total Nitrogen (TKN)	mg/l	32.9	37.8	14.
23-A016116	Total Nitrogen (TKN)	mg/l	9.47	8.44	12.
23-A016375	Total Nitrogen (TKN)	mg/l	0.586	0.497	16.
23-A016512	Total Nitrogen (TKN)	mg/l	0.915	0.922	0.76
23-A016697	Total Nitrogen (TKN)	mg/l	0.524	0.532	1.5
23-A016724	Total Nitrogen (TKN)	mg/l	0.344	0.324	6.0
23-A016752	Total Nitrogen (TKN)	mg/l	0.369	0.392	6.0
23-A017001	Total Nitrogen (TKN)	mg/l	43.0	51.1	17.
23-A016336	Total Nitrate + Nitrite	mg/l	13.3	14.0	5.1
23-A016373	Total Nitrate + Nitrite	mg/l	0.182	0.180	1.1
23-A016514	Total Nitrate + Nitrite	mg/l	0.434	0.464	6.7
23-A016523	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A016618	Total Nitrate + Nitrite	mg/l	0.109	0.111	1.8
23-A016697	Total Nitrate + Nitrite	mg/l	0.217	0.215	0.93
23-A016725	Total Nitrate + Nitrite	mg/l	0.052	0.058	11.
23-A016753	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A016990	Total Nitrate + Nitrite	mg/l	0.072	0.072	0.00
23-A016998	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A017102	Total Nitrate + Nitrite	mg/l	1.58	1.60	1.3
23-A017157	Total Nitrate + Nitrite	mg/l	0.028	0.029	3.5

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A015979	Total Nitrogen (TKN)	mg/l	46.7	71.2	25.0	98.00 %
23-A015989	Total Nitrogen (TKN)	mg/l	32.9	57.9	25.0	100.00 %
23-A016116	Total Nitrogen (TKN)	mg/l	9.47	14.3	5.00	96.60 %
23-A016375	Total Nitrogen (TKN)	mg/l	0.586	2.51	2.00	96.20 %
23-A016512	Total Nitrogen (TKN)	mg/l	0.915	2.81	2.00	94.75 %
23-A016697	Total Nitrogen (TKN)	mg/l	0.524	2.47	2.00	97.30 %
23-A016724	Total Nitrogen (TKN)	mg/l	0.344	2.30	2.00	97.80 %
23-A016752	Total Nitrogen (TKN)	mg/l	0.369	2.28	2.00	95.55 %
23-A017001	Total Nitrogen (TKN)	mg/l	43.0	69.6	25.0	106.40 %
23-A016336	Total Nitrate + Nitrite	mg/l	13.3	23.8	10.0	105.00 %
23-A016373	Total Nitrate + Nitrite	mg/l	0.182	1.15	1.00	96.80 %
23-A016514	Total Nitrate + Nitrite	mg/l	0.434	1.43	1.00	99.60 %
23-A016523	Total Nitrate + Nitrite	mg/l	< 0.02	1.03	1.00	103.00 %
23-A016618	Total Nitrate + Nitrite	mg/l	0.109	1.13	1.00	102.10 %

QC Summary for sample numbers: 23-A016511 to 23-A016523...

MATRIX SPIKES continued....

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A016697	Total Nitrate + Nitrite	mg/l	0.217	1.22	1.00	100.30 %
23-A016725	Total Nitrate + Nitrite	mg/l	0.052	1.07	1.00	101.80 %
23-A016753	Total Nitrate + Nitrite	mg/l	< 0.02	1.05	1.00	105.00 %
23-A016990	Total Nitrate + Nitrite	mg/l	0.072	1.10	1.00	102.80 %
23-A016998	Total Nitrate + Nitrite	mg/l	< 0.02	1.06	1.00	106.00 %
23-A017102	Total Nitrate + Nitrite	mg/l	1.58	2.63	1.00	105.00 %
23-A017157	Total Nitrate + Nitrite	mg/l	0.028	1.07	1.00	104.20 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.980	98.0 %
Total Nitrogen (TKN)	mg/l	1.00	0.977	97.7 %
Total Nitrogen (TKN)	mg/l	1.00	0.978	97.8 %
Total Nitrogen (TKN)	mg/l	1.00	0.961	96.1 %
Total Nitrogen (TKN)	mg/l	1.00	0.951	95.1 %
Total Nitrogen (TKN)	mg/l	1.00	0.951	95.1 %
Total Nitrogen (TKN)	mg/l	1.00	0.962	96.2 %
Total Nitrogen (TKN)	mg/l	1.00	0.942	94.2 %
Total Nitrogen (TKN)	mg/l	1.00	0.930	93.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %
Total Nitrate + Nitrite	mg/l	1.00	0.988	98.8 %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.06	106. %
Total Nitrate + Nitrite	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %
Total Nitrate + Nitrite	mg/l	1.00	1.07	107. %
Total Nitrate + Nitrite	mg/l	1.00	1.05	105. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	1.05	105. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02

QC Summary for sample numbers: 23-A016511 to 23-A016523...

BLANKS continued....

ANALYTE	UNITS	RESULT
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 09-253

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230925 16511	9/25/23	11:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230925 16512	9/25/23	12:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230925 16513	9/25/23	12:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230925 16514	9/25/23	12:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230925 16515	9/25/23	13:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230925 16516	9/25/23	14:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230925 16517	9/25/23	14:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230925 16518	9/25/23	13:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230925 16519	9/25/23	11:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230925 16520	9/25/23	11:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	[signature]	OSE	9/25/23	15:54	
Received by:	KL	AmTest	9/25/23	15:54	**EDDs - CSV**
Relinquished by:					**Reporting Limits:**
Received by:					**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:					**Total Nitrogen - .10 mg/L**
Received by:					

T=15. 14.6°C
KL 9/25/23

P.12

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 09-253

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Nichelle Biffin

email: nbiffin@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	SEIMS-20230925 16521	9/25/23	14:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	QA139-20230925 16522	9/25/23	12:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA141-20230925 16523	9/25/23	11:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Biffin	OE	9/25/23	15:54	
Received by: KT	AmTest	9/25/23	15:54	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T = 14.6°C

CHAIN OF CUSTODY

 09-253

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0925	9/25/23	11:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		12:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		12:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		12:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		13:31	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		14:35	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		14:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:45	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		11:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~COLM-2023~~			Water	7	X	X	X	X	X	X	X	X	X		
11	SEIMS-2023		14:00	Water	7	X	X	X	X	X	X	X	X	X		
12	QA 139-2023		12:55	Water	7	X	X	X	X	X	X	X	X	X		
13	QA139B-2023		11:30	Water	4										X	X

Relinquished by Nicole Vondrasek Date 9/25/23 Received by [signature] Date 9/25/23

Firm Herrera Time 15:10 Firm OSE Time 1510

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

Page 2 of 2 09-253

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2023			Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2023			Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2023			Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2023			Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2023			Water	7	X	X	X	X	X	X	X	X	X		
14	QA 141 - 20230925	9/25/23	11:30	Water	7	X	X	X	X	X	X	X	X	X		
15	QA 140 - 20230925	9/25/23	12:00	Water	2				X					X		

Relinquished by Nicole Lundblad Date 9/25/23 Received by [illegible] Date 9/25/23

Firm Herrera Time 15:10 Firm OSE Time 1510

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 09-253

Initiated by: JMV

Date Initiated: 9/25/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	6,6,6,6
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	(Yes)	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #6,7,10) no 0925 on labels
#8) no 0925 on 1/2L HNO_3 poly
#9) no 0925 on 1/4L H_2SO_4 poly
3.2) #11) ID illegible on 1/4L H_2SO_4 poly
2.4) #13) QA139-20230925 on labels

1 - Discuss issue in Case Narrative
2 - Process Sample As-is
3 - Client contacted to discuss problem
4 - Sample cannot be analyzed or client does not wish to proceed

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	NV
Meter:	ProDSS #1
Date/Time:	9/25/23 @ 10:00
Barometric Pressure Start of Day:	mmHg: 758.1 Time: 10:00
Barometric Pressure End of Day:	mmHg: 758.2 Time: 16:10

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	20.3	0	21.9	
Conductivity (µS/cm)	1000	1,000	22.1	
Conductivity (µS/cm)		100		out of standard
DO % Saturation	96.2	1000		

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	21.6	0	22.9	
Conductivity (µS/cm)	989	1000	23.3	out of 100 µS/cm standard, used 1000 µS/cm
DO % Saturation	95.9	1000		

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0925	9/25/23	11:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		12:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		12:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		12:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		13:30	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		14:35	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		14:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:45	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		11:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~COLM-2023~~			Water	7	X	X	X	X	X	X	X	X	X		
11	SEIMS-2023		14:00	Water	7	X	X	X	X	X	X	X	X	X		
12	QA 139-2023		12:55	Water	7	X	X	X	X	X	X	X	X	X		
13	QA139B-2023		11:30	Water	4										X	X

Relinquished by Nicole Vandertutten Date 9/25/23 Received by NRBlum Date 9/25/23

Firm Herrera Time 15:10 Firm OSE Time 1510

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2023			Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2023			Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2023			Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2023			Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2023			Water	7	X	X	X	X	X	X	X	X	X		
14	QA 141 - 20230925	9/25/23	11:30	Water	7	X	X	X	X	X	X	X	X	X		
15	QA 140 - 20230925	9/25/23	12:00	waters	2				X					X		

Relinquished by Nicole Lundblad Date 9/25/23 Received by [signature] Date 9/25/23

Firm Herrera Time 1510 Firm OSE Time 1510

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Meaghan OCL, Nikki V

Sample Date: 9/25/23 Sample Time: ~~14:50~~ 14:35 PDT / PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: sunny 58°

Water Quality Sampling

Sample ID: MONM-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - Field Filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color

Odor

Sheen

Floatables

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.01

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 13.0

Specific Conductivity (µs/cm) 189.2

Dissolved Oxygen (mg/L) 10.01

Dissolved Oxygen (%) 94.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Meaghan OCL, Nikki V

Sample Date: 9/25/23 **Sample Time:** 14:00 PDT PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: Seims

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: sunny 60°

Water Quality Sampling

Sample ID: Seims-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: turbid

Color: yellow-brown

Odor: no

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.98

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 11.2

Specific Conductivity (µs/cm) 115.7

Dissolved Oxygen (mg/L) 9.68

Dissolved Oxygen (%) 88.3

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki V. Meaghan OCL

Sample Date: 9/25/23 **Sample Time:** 13:30 PDT

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N** PST

(Must filter within 15 minutes of collection)

SITE ID: Tylmi

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rainy 61°

Water Quality Sampling

Sample ID: Tylmi-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: X

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: very turbid

Color: brown

Odor: no

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.5

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 12.7

Specific Conductivity (µs/cm) 213.4

Dissolved Oxygen (mg/L) 8.44

Dissolved Oxygen (%) 79.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki V. Meaghan OCL

Sample Date: 9/25/23 Sample Time: 12:55 PDT

Base Flow or Storm Event? Field filtered 5 minutes later: Y N PST

(Must filter within 15 minutes of collection)

SITE ID: Tylmo

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINY 61°

Water Quality Sampling

Sample ID: Tylmo-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	~~NO~~ YES
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
OPPD q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - Field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA139-20230925

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: very turbid

Color: brown

Odor: no

Sheen:

Floatables:

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): ~~2.~~ 2.40

Reference Point (description): down from culvert

Water Quality Measurments

Temperature (°C) 14.2

Specific Conductivity (µs/cm) 75.4

Dissolved Oxygen (mg/L) 9.52

Dissolved Oxygen (%) 92.9

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: N. Kki V. Meaghan OCL

Sample Date: 9/25/23 **Sample Time:** 12:20 PDT PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rainy

Water Quality Sampling

Sample ID: TOSMO-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD q	Amber Glass	500ml	2	NA	
PAH's	Amber Glass	1L	2	NA	

* Field filtered with Nalgene 250 ml SFCA 0.45 um filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: brown/turbid light

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.65

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 12.7

Specific Conductivity (µs/cm) 161.6

Dissolved Oxygen (mg/L) 10.05

Dissolved Oxygen (%) 94.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki V. Meaghan OCL

Sample Date: 9/25/23 Sample Time: 12:00 PDT

Base Flow or Storm Event? Field filtered 5 minutes later: Y N PST

(Must filter within 15 minutes of collection)

SITE ID: Cadmi

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Water Quality Sampling

Sample ID: Cadmi-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Crl. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* field filtered with Nalgene 250 ml SFCA 0.45 um filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID: QAL4D-20230925

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: turbid

Color: brown

Odor: no

Sheen:

Floatables:

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description): N/A covered by bamboo

Water Quality Measurments

Temperature (°C) 12.4

Specific Conductivity (µs/cm) 255.3

Dissolved Oxygen (mg/L) 9.98

Dissolved Oxygen (%) 93.4

Current Weather and Temp: rainy

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Nikki V. Meagan OCL

Sample Date: 9/25/23 Sample Time: 11:30 PDT

Base Flow or Storm Event? Field filtered 5 minutes later: Y N PST

(Must filter within 15 minutes of collection)

SITE ID: Coumo

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Water Quality Sampling

Sample ID: Coumo-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	YES
PAH's	Amber Glass	1L	2	NA	YES

* - Field filtered with Nalgene 250 ml SFCA 0.45 um filter and vacuum hand pump

Duplicate sample ID: QA139-20230925

Filter blank sample ID:

Transfer blank sample ID: QA149-20230925

Visual and Olfactory Conditions:

Clarity: clear

Color: NO

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Current Weather and Temp: raining

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.41

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 13.7

Specific Conductivity (µs/cm) 175.7

Dissolved Oxygen (mg/L) 9.27

Dissolved Oxygen (%) 89.3%

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: C. Steiner, S. Zhang

Sample Date: 9/25/23 Sample Time: 11:40 PDT

Base Flow or Storm Event? Field filtered 5 minutes later: Y / N PST

(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Water Quality Sampling

Sample ID: TOSM1 - 20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: –

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Mostly clear

Color: yellowy

Odor: N/A

Sheen: NA

Floatables: NA

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.13

Reference Point (description): Measure down

Water Quality Measurments

Temperature (°C) 14.7

Specific Conductivity (µs/cm) 132.6

Dissolved Oxygen (mg/L) 9.93

Dissolved Oxygen (%) 97.9

Current Weather and Temp: Raining,

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: C. Steiner, S. Zhang

Sample Date: 9/25/23 Sample Time: 12:40 PDT PST

Base Flow or Storm Event? Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Raining

Water Quality Sampling

Sample ID: SEIMN-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500ml	2	NA	
PAH's	Amber Glass	1L	2	NA	

* - Field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Clear

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.73

Reference Point (description): Measure down

Water Quality Measurments

Temperature (°C) 12.1

Specific Conductivity (µs/cm) 108.0

Dissolved Oxygen (mg/L) 10.50

Dissolved Oxygen (%) 97.8

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 9/25/23 Sample Time: N/A PDT / PST

Base Flow or Storm Event? Field filtered 5 minutes later: Y (N)
(Must filter within 15 minutes of collection)

SITE ID: COLMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Raining

Water Quality Sampling

Sample ID: COLMN-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500ml	2	NA	
PAHs	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color: Channel dry,

Odor:

Sheen: no samples

Floatables:

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A channel dry

Reference Point (description):

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

Dissolved Oxygen (%)

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, KQ, SZ

Sample Date: 9/25/23 Sample Time: 1345 PDT

Base Flow or Storm Event? Field filtered 5 minutes later: (Y) N PST

(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Water Quality Sampling

Sample ID: MONMN

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAH's	Amber Glass	1L	2	NA	

* Field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Clear

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.31

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 14.1

Specific Conductivity (µs/cm) 1893

Dissolved Oxygen (mg/L) 9.76

Dissolved Oxygen (%) 94.9

Current Weather and Temp: Raining

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: CS, SZ

Sample Date: 9/25/23 Sample Time: 1480 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Raining

Water Quality Sampling

Sample ID: MONMS-20230925

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	2	NA	
PAHs	Amber Glass	1L	2	NA	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Clear

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: Time:

Quality Assurance

Checked By: Signature:

Date Checked: Time:

Data Entered into Database? YES NO initials:

Date Entered: Time:

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.12

Reference Point (description): water level meter

Water Quality Measurments

Temperature (°C) 14.4

Specific Conductivity (µs/cm) 383.1

Dissolved Oxygen (mg/L) 6.96

Dissolved Oxygen (%) 68.2

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	N.V.
Meter:	Pro DSS #2
Date/Time:	9/25/23 10:00
Barometric Pressure Start of Day:	mmHg: 757.9 Time: 10:00
Barometric Pressure End of Day:	mmHg: 758.5 Time: 16:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	20.6	0	23.3	
Conductivity (µS/cm)	999	1,000	23	
Conductivity (µS/cm)		100		out of standard
DO % Saturation	96.1	1000	23.2	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	19.6	0	21.5	
Conductivity (µS/cm)	996	1000	21.9	out of 100 µS/cm standard, used 1000 µS/cm
DO % Saturation	91.7	1000	21.89	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/9/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 9/25/2023 /All locations, QA139 (TYLMO), QA139B (COUMO [6ppd-q & PAHs]) Lab Ref No 2309-253

date 11/21/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	85	**±20**	14	**≤ 25**	9	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	12	**≤ 25**	8	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	8	**≤180**	≤1.0 mg/L 1.0 mg/L	95, 103	**±25**	95	**±15**	10, MS 5	**≤ 20**	15	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	11	**≤28**	≤1.0 mg/L 1.0 mg/L	107	**±25**	94	**±15**	3	**≤ 20**	14	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	7	**≤28**	≤0.01 mg/L 0.01 mg/L	98	**±25**	92	**±20**	5	**≤ 20**	8	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	9, 10	**≤28**	≤0.1 mg/L 0.1 mg/L	95-106, 97-106	**±25**	93-98, 95-107	**±20**	6-17, 1-7; D=0.01-0.09; D=0.03-0.4	**≤ 20**	1, D=0.05	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/9/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 9/25/2023 /All locations, QA139 (TYLMO), QA139B (COUMO [6ppd-q & PAHs]) Lab Ref No 2309-253

date 11/21/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks / Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤1.0 µg/L / 1.0 µg/L	90, 94	**±25**	NR	**±15**	NC, MS 4	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤5.0 µg/L / 5.0 µg/L	88, 94	**±25**	NR	**±15**	NC, MS 6	**≤ 20**	D=1	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤1.0 µg/L / 1.0 µg/L	84, 87	**±25**	NR	**±15**	7, MS 4	**≤ 20**	D=0.2	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤5.0 µg/L / 5.0 µg/L	87, 91	**±25**	NR	**±15**	1, MS 4	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL / 10 cfu/ 100mL	NA	**NA**	NA	**NA**	13	**≤ 35**	84	**≤ 50**	OK	FLAG TYLMO J FOR HIGH FIELD DUPE RPD
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL / 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED UPON RECEIPT OF RESULTS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4, 4-7	**≤7[2], ≤40**	≤0.01-0.1 ug/L / 0.01-0.1 ug/L	SURR 54-94	**19-127[4]**	65-102	**25-125[4]**	6-18	**<21-39[4]**	NC	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

Appendix G

Data Validation Memorandum for Water Quality Monitoring

HERRERA
Science + Planning + Design

Herrera Environmental Consultants, Inc.
Internal Memorandum

Date: May 15, 2024

To: Project File

From: Nikki VandePutte

Subject: Data Quality Assurance Review of the Redmond Paired Watershed Stormwater Retrofit Effectiveness Water Quality Monitoring Data – Water Year 2023

Data Quality Assurance Review

This memorandum presents a review of data quality for 208 water samples (including 16 field duplicates) collected for the Redmond Paired Watershed Stormwater Retrofit Effectiveness Study between September 27, 2022, and September 25, 2023 (Table 1). OnSite Environmental, Inc., of Redmond, Washington, analyzed the samples for:

- Total suspended solids (TSS) by Standard Method 2540D
- Turbidity by EPA Method 180.1
- Hardness by Standard Method 2340B
- Dissolved organic carbon (DOC) by Standard Method 5310B
- Total phosphorus by EPA Method 365.1
- Total and dissolved metals (copper and zinc) by EPA Method 200.8
- Polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270E-SIM

In addition, AmTest Inc., of Kirkland, Washington, analyzed the samples for:

- Total nitrogen (total Kjeldahl nitrogen [TKN] and nitrate + nitrite nitrogen) by Standard Method 4500-N and 4500-NO3, respectively
- Fecal coliform by Standard Method 9222D.

SGS AXYS Analytical Services of Sidney, British Columbia, Canada, analyzed samples from four locations (COUMO, COUMI, TOSMO and TOSMI) for 6PPD-quinone (6PPD-q) by Method MLA-118.

Table 1. Water Year 2023 Samples.

Date Collected	Lab SDG	Samples Collected	QC Samples Collected
9/27/2022[ab]	2209-267	11 stations	1 field duplicate
10/21/2022[b]	2210-222	11 stations	1 field duplicate
10/26/2022[c]	2210-298	4 stations	NA
11/22/2022	2211-296	12 stations	1 field duplicate
11/29/2022[d]	2211-351	8 stations	1 field duplicate
11/30/2022[d]	2212-001	3 stations	NA
1/8/2023	2301-049	12 stations	1 field duplicate
1/12/2023	2301-084	12 stations	1 field duplicate
1/20/2023	2301-173	12 stations	1 field duplicate
2/7/2023	2302-068	12 stations	1 field duplicate
3/2/2023	2303-020	12 stations	1 field duplicate
3/13/2023	2303-124	12 stations	1 field duplicate
4/6/2023	2304-066	12 stations	1 field duplicate
4/20/2023	2304-245	12 stations	1 field duplicate
4/27/2023	2304-315	12 stations	1 field duplicate
5/5/2023	2305-051	12 stations	1 field duplicate
7/11/2023	2307-049	12 stations	1 field duplicate, 1 filter blank
9/25/2023[b]	2309-253	11 stations	1 field duplicate, 1 filter blank, 1 transfer blank

[a] The 9/27/2022 event was within Water Year (WY) 2022, but is included in WY 2023 since it was only 5 days from the start of the WY.

[b] COLM was dry on 9/27/2022, 10/21/2022, and 9/25/2023, so samples could not be collected.

[c] Samples were only collected for 6PPD-q and PAHs on this date.

[d] The sampling event on 11/29/2023 was terminated early due to weather-related safety concerns. The missed stations were sampled the next day, except for SEIMS.

The laboratory's performance was reviewed in accordance with quality control (QC) criteria established in the *Redmond Paired Watershed Study Quality Assurance Project Plan* (QAPP) (Herrera 2015) and *Addendum 1 to the Quality Assurance Project Plan for the Redmond Paired Watershed Study* (Herrera 2022), by the laboratory, and in the specified methods.

Quality control data summaries submitted by the laboratory were reviewed; raw data were not submitted by the laboratory. Data Quality Assurance Worksheets were completed for each laboratory report. Data qualifiers (flags) were added to the sample results in the laboratory reports. Data validation results are summarized below, followed by definitions of data qualifiers.

Custody, Preservation, Holding Times, and Completeness – Acceptable with Qualification

The samples were properly preserved, and sample custody was maintained from sample collection to receipt at the laboratory. Samples were analyzed within the required method holding times, with the exceptions noted below and summarized in Table 2. The laboratory reports were complete and contained results for all samples and tests requested on the chain-of-custody (COC) forms.

- The lab reanalyzed all TSS samples collected on September 27, 2022, except MONM, outside of holding time (10 days versus 7-day holding time) due to low spike blank recovery. The affected results were qualified as estimated (flagged J) due to the holding time exceedance.
- Fecal coliform samples collected on 10/21/2022 were submitted to OnSite on a Friday just before the lab closed. The samples were delivered to AmTest and analyzed the following Monday and were qualified as estimated due to the holding time exceedance (3 days versus 1-day holding time).
- Forty-three 6PPD-q samples were extracted outside the 14-day extraction holding time specified in the QAPP. No data were qualified because they were extracted within the laboratory's 35-day holding time.
- The 6PPD-q sample collected at COUMI on February 7, 2023, was extracted outside of QAPP and laboratory holding time (64 days versus laboratory's 35-day holding time) and qualified as estimated.
- The 6PPD-q sample collected at COUMI on March 2, 2023, was extracted outside of QAPP and laboratory holding time (41 days versus laboratory's 35-day holding time) and qualified as estimated.

Samples were collected at all stations for every event, with the following exceptions:

- The event on November 29, 2022, was terminated early due to unsafe weather conditions. Eight stations were sampled November 29, and three stations were sampled the next day, November 30, 2022. Station SEIMS was not sampled either day due to continued unsafe conditions the following day.
- On the September 27, 2022, October 21, 2022, and September 25, 2023, events, there was no flow at station COLM and samples could not be collected.

Table 2. Data Qualified due to Holding Time Exceedances.

Date Collected	Lab SDG	Sample Location	Parameter	Reason for Qualification	Flag
9/27/2022	2209-267	All Locations, except MONM	TSS	Holding time exceedance	J
10/21/2022	2210-222	All Locations	Fecal Coliform	Holding time exceedance	J
2/7/2023	2301-068	COUMI	6PPD-q	Extraction holding time exceedance	J
3/2/2023	2303-020	COUMI	6PPD-q	Extraction holding time exceedance	J

Laboratory Reporting Limits – Acceptable with Discussion

The laboratory reporting limits met those established in the QAPP with some exceptions. The reporting limits for total suspended solids (19 samples), turbidity (7 samples), total phosphorus (1 sample), total copper (3 samples), total zinc (9 samples), dissolved zinc (1 sample), fecal coliform (39 samples), and 6PPD-q (20 samples) were slightly elevated; however, data quality was not affected because the samples were detected above the reporting limit. Reporting limits for PAHs (26 samples) were slightly elevated (0.11-0.13 versus 0.1 ng/L, or 0.011-0.013 versus 0.01 ng/L), with some undetected values; however, the increased RLs were very slight and data quality was not affected. No data were qualified based on laboratory reporting limits.

Method Blank Analysis – Acceptable with Qualification

Method blanks were analyzed at the required frequency. Method blanks did not contain levels of target analytes above the laboratory reporting limits, with one exception:

- The method blank analyzed with 6PPD-q samples collected on July 11, 2023, had a detection above the reporting limit (0.12 ng/L versus reporting limit of 0.1). One associated sample, COUMO, was qualified as estimated because the concentration was within five times the concentration detected in the method blank, as specified in the QAPP addendum (Herrera 2022).

While the method blank analyzed with 6PPD-q samples collected in January 2023 (January 8, 12, and 20) was undetected, the reporting limit was elevated (0.65 ng/L versus goal of 0.1 ng/L). The laboratory qualified the method blank result as estimated due to low surrogate recovery for the method blank (3 percent versus minimum 30 percent) but noted that the method of quantification produces data that are recovery corrected. To account for potential undetected blank contamination, the one associated sample result (COUMI on January 20, 2023 [0.57 ng/L]) below the blank reporting limit was qualified as estimated (flagged J).

Data qualified due to method blank results are listed in Table 3.

Table 3. Data Qualified due to Method Blank Results.

Date Collected	Lab SDG	Sample Location	Parameter	Reason for Qualification	Flag
7/11/2023	2307-049	COUMO	6PPD-q	Method blank contamination	J
1/20/2023	2301-173	COUMI	6PPD-q	Elevated method blank reporting limit	J

Filter Blank Analysis – Acceptable with Discussion

Filter blanks were collected on July 11 and September 25, 2023, and analyzed for DOC and dissolved copper and zinc, as required by the QAPP. With the exception noted below, the filter blanks did not contain levels of target analytes above the laboratory reporting limits.

The filter blank collected on July 11, 2023, had a reported result for DOC (1.7 mg/L) that exceeded the 1.0 mg/L reporting limit. However, because the reported result was less than two times the reporting limit, no data were qualified.

Transfer Blank Analysis – Acceptable with Qualification

A transfer blank was collected on September 25, 2023, and analyzed for all parameters, as required by the QAPP. With the exception noted below, the transfer blank did not contain levels of target analytes above the laboratory reporting limits.

The transfer blank had a reported result for TSS (4.6 mg/L) that exceeded the 1.0 mg/L reporting limit. TSS results collected on September 25, 2023, that are within 5 times the blank concentration (23 mg/L) are qualified as estimated. The affected samples are COUMO, TYLMI, and MONMS.

Laboratory Control Sample Analysis – Acceptable with Qualification

Laboratory control samples (LCS) were analyzed with project samples for TSS, hardness, DOC, total phosphorus, and total nitrogen at the required frequency. With the exception noted below, the percent recovery values for all parameters met the criteria established in the QAPP.

- The LCS analyzed for TSS samples from September 27, 2022, was below recovery criteria (27 percent versus minimum 67 percent). All samples were reanalyzed, except for MONM due to insufficient sample volume. Sample MONM was qualified as estimated.
- The LCS analyzed for TSS samples from October 21, 2022, was slightly above the criteria (121 percent versus maximum 120 percent). No data were qualified.
- The LCS analyzed for TSS samples from January 12, 2023, was slightly below recovery criteria (76 percent versus minimum 80 percent). This recovery was within the laboratory's limits, and no data were qualified.

Matrix Spike Analysis – Acceptable

Matrix spike samples were analyzed for hardness, DOC, total phosphorus, total nitrogen, total copper and zinc, and dissolved copper and zinc. The percent recovery values for all parameters met the control limits established in the QAPP.

Surrogate Standard Recovery Analysis– Acceptable with Qualification

Surrogate standards were analyzed with project samples for PAHs and 6PPD-q. With the exceptions noted below and provided in Table 4, the percent recovery values met the control limits established in the QAPP.

- Surrogate standards were analyzed for samples COUMO, TOSMO, and TOSMI collected on February 7, 2023, for 6PPD-q. The percent recoveries were below the criteria (2, 11, and 22 percent versus minimum 30 percent). The corresponding project sample results were qualified as estimated.
- A surrogate standard was analyzed for sample COUMO collected on March 2, 2023, for 6PPD-q. The percent recovery was below the criteria (6 percent versus minimum 30 percent). The project sample result was qualified as estimated.
- Surrogate standards were analyzed for samples COUMO and TOSMO collected on April 27, 2023, for 6PPD-q. The percent recoveries were below the criteria (12 and 23 percent versus minimum 30 percent). The corresponding project sample results were qualified as estimated.

Table 4. Data Qualified due to Surrogate Standard Recovery.

Date Collected	Lab SDG	Sample Location	Parameter	Reason for Qualification	Flag
2/7/2023	2301-068	COUMO, TOSMO, TOSMI	6PPD-q	Low surrogate recovery	J
3/2/2023	2303-020	COUMO	6PPD-6	Low surrogate recovery	J
4/27/2023	2304-315	COUMO, TOSMO	6PPD-q	Low surrogate recovery	J

Laboratory Duplicate Analysis – Acceptable with Qualification

Laboratory duplicate samples were analyzed for all parameters. For project samples, the relative percent difference (RPD) was calculated for each analyte where both duplicate values were greater than five times the reporting limit (RL). The difference between duplicate values was calculated if the detected compound concentration was less than five times the RL in either the sample or the duplicate. The RPD values or difference values met the control limits established by the laboratory or specified method, with the exceptions noted below.

- The RPD between the fecal coliform sample from SEIMS collected on October 21, 2022, and the laboratory duplicate (42 percent) exceeded the less than 35 percent criterion. The result was qualified as estimated.
- The RPD between the TSS sample from TOSMO collected on January 20, 2023, and the laboratory duplicate (27 percent) slightly exceeded the less than 25 percent criterion. No data were qualified because the exceedance was slight, and a second laboratory duplicate met the criterion.
- The difference between the fecal coliform sample from MONM collected on February 7, 2023, and the laboratory duplicate was greater than two times the reporting limit (7 CFU/ml versus reporting limit of 1 CFU/ml). The result was qualified as estimated.
- The laboratory duplicate analyzed for fecal coliform samples collected March 2, 2023, was a duplicate of a batch sample (i.e., not a sample collected for this project). The difference between the two samples (6 CFU/100mL) was greater than two times the reporting limit. No data were qualified because the duplicate was not associated with a project sample and the other laboratory and field duplicates met the control criterion.
- The laboratory duplicate analyzed for fecal coliform samples collected March 13, 2023, was a duplicate of a batch sample. The RPD between the samples (100 percent) exceeded the less than 35 percent criterion. No data were qualified because the duplicate was not associated with a project sample and the other laboratory duplicate was within limits.
- The laboratory duplicate analyzed for fecal coliform samples collected April 6, 2023, was a duplicate of a batch sample. The RPD between the sample and duplicate (67 percent) exceeded the less than 35 percent criterion. No data were qualified because the duplicate was not associated with a project sample and the other laboratory and field duplicates were in control.

Results qualified due to laboratory duplicate exceedances are shown in Table 5.

Table 5. Data Qualified due to Laboratory Duplicate Exceedance.

Date Collected	Lab SDG	Sample Location	Parameter	Reason for Qualification	Flag
10/21/2022	2210-222	SEIMS	Fecal coliform	Lab duplicate exceedance	J
2/7/2023	2301-068	MONM	Fecal coliform	Lab duplicate exceedance	J

Field Duplicate Analysis – Acceptable with Qualification

Field duplicates were analyzed for all parameters at the required frequency (16 field duplicates). The RPD was calculated for each analyte where both the values were greater than five times the RL. The difference between the duplicate values was calculated if the detected compound concentration was less than five times the RL in either the sample or the field duplicate. With the exceptions noted below and in Table 6, the RPD values or difference values met the control limits established in the QAPP.

- A field duplicate was analyzed for sample COUMI collected on October 21, 2022, for total zinc. The RPD between the sample and field duplicates (21 percent) slightly exceeded the less than 20 percent criterion. The result was not qualified due to the slight exceedance.
- A field duplicate was analyzed for sample COUMI collected on May 5, 2023, for total zinc. The RPD between the sample and field duplicates (24 percent) slightly exceeded the less than 20 percent criterion. The result was not qualified due to the slight exceedance.

As shown in Table 6, 18 field duplicate values did not meet the criteria established in the QAPP. The sample and associated duplicate were qualified as estimated due to the field duplicate exceedance.

Table 6. Data Qualified due to Field Duplicate RPD or Difference.

Date Collected	Lab SDG	Sample Location	Parameter	Reason for Qualification	RPD or difference	Criteria	Flag
11/22/2022	2211-296	MONM	Fecal Coliform	Field duplicate RPD exceedance	57%	<50%	J
1/8/2023	2301-049	COUMO	Fecal Coliform	Field duplicate RPD exceedance	78%	<50%	J
1/12/2023	2301-084	COLM	Fecal Coliform	Field duplicate difference exceedance	7 CFU/ 100mL	<2 CFU /mL	J
1/20/2023	2301-173	COUMO	6PPD-q	Field duplicate RPD exceedance	80%	<50%	J
3/2/2023	2303-020	MONMS	TSS	Field duplicate RPD exceedance	56%	<25%	J
3/13/2023	2303-124	SEIMS	Fecal Coliform	Field duplicate RPD exceedance	67%	<50%	J
4/6/2023	2304-066	TOSMO	TSS	Field duplicate RPD exceedance	173%	<25%	J
4/6/2023	2304-066	TOSMO	Turbidity	Field duplicate RPD exceedance	151%	<25%	J
4/6/2023	2304-066	TOSMO	Total Zinc	Field duplicate RPD exceedance	27%	<20%	J
4/27/2023	2304-315	MONMN	TSS	Field duplicate RPD exceedance	46%	<25%	J
4/27/2023	2304-315	MONMN	Total phosphorus	Field duplicate difference exceedance	0.07 mg/L	<0.02 mg/L	J
5/5/2023	2305-051	COUMI	Turbidity	Field duplicate RPD exceedance	72%	<25%	J
5/5/2023	2305-051	COUMI	Total Phosphorus	Field duplicate RPD exceedance	34%	<20%	J
5/5/2023	2305-051	COUMI	Fecal Coliform	Field duplicate RPD exceedance	153%	<50%	J
7/11/2023	2307-049	TYLMI	TSS	Field duplicate RPD exceedance	88%	<25%	J

Table 6 (continued). Data Qualified due to Field Duplicate RPD or Difference.

Date Collected	Lab SDG	Sample Location	Parameter	Reason for Qualification	RPD or difference	Criteria	Flag
7/11/2023	2307-049	TYLMI	Turbidity	Field duplicate RPD exceedance	93%	<25%	J
7/11/2023	2307-049	TYLMI	Total Phosphorus	Field duplicate difference exceedance	0.05 mg/L	<0.02 mg/L	J
9/25/2023	2309-253	TYLMO	Fecal Coliform	Field duplicate RPD exceedance	84%	<50%	J

In Situ Data Review – Acceptable with Qualification

Herrera conducted a quality assurance audit of the *in situ* data to ensure that data were accurately transcribed from the field forms. Dissolved oxygen, temperature, and conductivity values were correctly transcribed and are within expected ranges, with the exceptions noted below and summarized in Table 7.

- All *in situ* measurements at stations COUMI and TOSMO from September 27, 2022, and stations TOSMO and TYLMI from January 12, 2023, were rejected (flagged R) due to suspected transcription errors. Typically, field staff take a photo of the field meter and transcribe the measurements onto a field sheet upon returning to the vehicle. All recorded *in situ* values for the two stations in each event were exactly the same, indicating that the incorrect photo may have been transcribed for one station in each event.
- Dissolved oxygen measurements at COUMO and TYLMI from January 12, 2023 (16.9 mg/L and 17.7 mg/L, respectively), were rejected due to suspected high bias. The maximum recorded values for these stations are 14.34 and 14.06 mg/L, respectively. The equivalent calculated percent saturation values of 139 and 142 percent, respectively, were outside of the expected range for typical streams (typically 80 to 120 percent). A rented YSI 556 meter was used for these measurements. The pre-event calibration was acceptable; however, no post-event calibration was performed. Dissolved oxygen measurements taken with the same meter at other sites (COUMI, MONM, and SEIMS) were qualified as estimated, due to the potential calibration issue.
- Two dissolved oxygen measurements were recorded as percent saturation rather than concentration. These values (101 percent for COUMI-20230207 and 100.7 percent for TYLMO2023-0207) were converted to concentration (12.35 and 12.43 mg/L, respectively) and qualified as estimated.
- The conductivity measurement taken at COUMI on February 7, 2023, was below the 10th percentile of historical data (12.18 versus 105 uS/cm). The closeness of the recorded value to the calculated dissolved oxygen value (12.35 mg/L) indicates a potential transcription error, and the result was rejected.
- The post-event calibration check for the February 7, 2023, event showed a low conductivity reading (78 uS/cm in 100 uS/cm calibration standard solution) indicating a potential low bias for

measurements taken with this meter. All conductivity results from this date were qualified as estimated.

- One dissolved oxygen measurement was recorded incorrectly (119.6 mg/L for TYLMI-20230427). The recorded percent saturation (96.7 percent) was converted to concentration (10.3 mg/L) and qualified as estimated.

Table 7. Qualified *In Situ* Data.

Date Collected	Sample Location	Parameter	Reason for Qualification	Flag
9/27/2022	COUMI, TOSMO	Temperature, Conductivity, DO	Suspected transcription error	R
1/12/2023	COUMO, TYLMI	DO	Values outside expected range	R
1/12/2023	COUMI, MONM, SEIMS	DO	Potential meter calibration error	J
1/12/2023	TOSMO & TYLMO	Temperature, Conductivity, DO	Suspected transcription error	R
2/7/2023	All	Conductivity	Post event meter calibration check	J
2/7/2023	COUMI, TYLMO	DO	Value converted from percent saturation to concentration	J
2/7/2023	COUMI	Conductivity	Suspected transcription error	R
4/27/2023	TYLMI	DO	Value converted from percent saturation to concentration	J

Corrective Actions

Procedures for *in situ* data collection have recently been updated to ensure *in situ* data accuracy and prevent transcription errors, including:

- Post event calibration checks are consistently performed and recorded starting with the February 7, 2023, event.
- Field staff are recording which field meter they use on every field sheet.
- Field staff are comparing *in situ* data measurements to typical ranges immediately after data collection and checking meter calibration if inaccuracies are suspected.
- When measurements are transcribed from photos of the field meter, the photos and field sheets will be shared with the data reviewer within one day of the sampling event. The data reviewer will ensure the photos were accurately transcribed onto the field sheets.

Definition of Data Qualifiers

The following are data qualifier definitions (Table 8) applied for this project.

Table 8. Data Qualifier Definitions.

Data Qualifier	Definition
J	Value is an estimate based on analytical results
R	Value is rejected based on analytical results
U	Value is below the reporting limit
UJ	Value is below the reporting limit and is an estimate based on analytical results

References

Herrera. 2015. Redmond Paired Watershed Study Quality Assurance Project Plan. Prepared by Herrera Environmental Consultants, Inc., Seattle, Washington. December 31.

Herrera. 2022. Addendum 1 to the Quality Assurance Project Plan for the Redmond Paired Watershed Study. Prepared by Herrera Environmental Consultants, Inc., Seattle, Washington. June 8.

Appendix H

Summary Statistics for Pollutant Concentrations Measured in Storm Event and Base Flow Samples for Status and Trends Monitoring

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Table H-1. Summary Statistics for Dissolved Oxygen Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	9.7	10.0	10.7	12.2	13.2	100%	25%
MONMN	4	9.2	9.3	10.2	11.9	12.6	100%	50%
MONMS	4	3.1	4.9	7.4	9.1	10.1	100%	75%
TOSMO	4	10.6	11.0	11.7	12.6	13.3	100%	0%
TOSMI	5	10.2	10.2	11.4	11.6	12.6	100%	0%
COLM	3	7.1	8.7	10.4	11.5	12.6	100%	33%
SEIMN	3	10.6	11.2	11.7	12.5	13.2	100%	0%
SEIMS	4	8.7	9.6	10.6	11.8	12.9	100%	25%
COUMO	5	9.8	10.0	11.5	11.5	12.7	100%	20%
COUMI	4	10.4	10.8	11.6	12.4	13.0	100%	0%
TYLMO	4	9.9	10.1	11.0	12.5	13.4	100%	25%
TYLMI	4	9.1	9.1	9.7	11.5	12.8	100%	50%
Storm Flow Samples								
MONM	12	10.0	11.4	12.1	12.4	13.1	100%	0%
MONMN	12	9.8	10.8	11.9	12.3	13.1	100%	8%
MONMS	12	6.9	8.2	9.3	9.9	10.8	100%	75%
TOSMO	11	10.1	11.4	11.8	12.4	13.5	100%	0%
TOSMI	12	9.9	11.2	11.9	12.3	13.3	100%	8%
COLM	9	9.8	11.4	11.8	12.2	13.0	100%	11%
SEIMN	12	10.5	11.7	12.4	12.7	13.5	100%	0%
SEIMS	11	9.7	11.3	11.5	12.2	12.6	100%	9%
COUMO	11	9.3	10.9	11.6	12.2	13.2	100%	18%
COUMI	12	10.0	11.5	11.9	12.4	13.1	100%	8%
TYLMO	11	9.5	11.2	11.9	12.3	12.9	100%	9%
TYLMI	11	8.4	10.1	11.6	11.8	12.5	100%	27%

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
Percentage of samples violating criteria (> = 10 mg/L) for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-2. Summary Statistics for Dissolved Oxygen Percent Saturation Measured in Storm Event and Base Flow Samples.								
	n	Minimum (%)	25th Percentile (%)	Median (%)	75th Percentile (%)	Maximum (%)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	2	97	97	101	105	105	100%	0%
MONMN	2	94	94	98	103	103	100%	0%
MONMS	2	31	31	54	76	76	100%	0%
TOSMO	1	99	99	99	99	99	100%	0%
TOSMI	2	99	99	101	102	102	100%	0%
COLM	2	69	69	82	94	94	100%	0%
SEIMN	2	100	100	100	101	101	100%	0%
SEIMS	2	97	97	98	99	99	100%	0%
COUMO	1	96	96	96	96	96	100%	0%
COUMI	1	98	98	98	98	98	100%	0%
TYLMO	1	98	98	98	98	98	100%	0%
TYLMI	2	89	89	93	97	97	100%	0%
Storm Flow Samples								
MONM	5	95	98	99	102	102	100%	0%
MONMN	5	94	95	96	98	101	100%	0%
MONMS	5	67	68	79	84	86	100%	0%
TOSMO	6	95	97	98	102	103	100%	0%
TOSMI	4	98	98	99	101	102	100%	0%
COLM	2	90	90	92	95	95	100%	0%
SEIMN	3	98	98	99	100	100	100%	0%
SEIMS	5	88	92	97	97	99	100%	0%
COUMO	5	89	94	96	100	101	100%	0%
COUMI	5	93	96	99	99	102	100%	0%
TYLMO	5	93	96	98	100	103	100%	0%
TYLMI	5	80	91	93	96	97	100%	0%

%: percentage
All summary statistics were calculated using values of half the reporting limit for non-detect values.
TBD

Table H-3. Summary Statistics for Specific Conductivity Measured in Storm Event and Base Flow Samples.

	n	Minimum (uS/cm)	25th Percentile (uS/cm)	Median (uS/cm)	75th Percentile (uS/cm)	Maximum (uS/cm)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	168.3	174.5	214.6	249.3	250.1	100%	NA
MONMN	4	158.2	164.8	193.4	236.2	256.8	100%	NA
MONMS	4	254.6	266.1	323.4	377.6	386.2	100%	NA
TOSMO	4	185.0	205.3	240.3	266.2	277.3	100%	NA
TOSMI	5	234.5	282.4	289.2	304.4	321.2	100%	NA
COLM	3	101.1	109.0	116.9	122.4	127.9	100%	NA
SEIMN	3	65.9	71.6	77.3	93.4	109.6	100%	NA
SEIMS	4	74.1	80.2	103.8	123.2	125.1	100%	NA
COUMO	5	185.1	216.0	263.1	316.9	325.3	100%	NA
COUMI	4	201.0	209.6	261.3	318.9	333.4	100%	NA
TYLMO	4	108.5	128.2	183.3	219.8	220.8	100%	NA
TYLMI	4	17.9	72.2	141.5	202.4	248.4	100%	NA
Storm Flow Samples								
MONM	12	108.0	175.2	214.9	262.4	314.6	100%	NA
MONMN	12	102.2	143.6	172.5	211.6	299.1	100%	NA
MONMS	12	167.1	244.0	257.9	289.8	442.6	100%	NA
TOSMO	11	103.0	167.9	216.0	264.5	934.0	100%	NA
TOSMI	12	47.0	110.3	187.3	292.6	731.0	100%	NA
COLM	9	49.9	91.2	104.1	118.5	127.1	100%	NA
SEIMN	12	55.8	69.2	75.7	92.3	122.8	100%	NA
SEIMS	11	54.0	92.0	99.7	110.0	135.7	100%	NA
COUMO	12	72.3	98.0	218.2	260.8	359.4	100%	NA
COUMI	11	49.0	201.1	243.0	262.1	348.1	100%	NA
TYLMO	11	65.2	115.4	130.4	165.2	224.0	100%	NA
TYLMI	12	80.0	123.5	149.1	210.2	273.2	100%	NA

uS/cm: microsiemens per centimeter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-4. Summary Statistics for Water Temperature Measured in Storm Event and Base Flow Samples.

	n	Minimum (deg C)	25th Percentile (deg C)	Median (deg C)	75th Percentile (deg C)	Maximum (deg C)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	5.1	9.0	12.9	13.3	13.7	100%	NA
MONMN	4	5.9	8.8	12.8	14.7	15.6	100%	NA
MONMS	4	5.7	9.1	12.9	14.6	15.8	100%	NA
TOSMO	4	4.9	7.5	10.5	11.4	12.1	100%	NA
TOSMI	5	6.3	9.8	10.9	13.4	14.2	100%	NA
COLM	3	4.5	7.8	11.1	12.8	14.4	100%	NA
SEIMN	3	5.2	7.0	8.8	10.8	12.7	100%	NA
SEIMS	4	4.4	7.9	11.8	12.7	13.3	100%	NA
COUMO	5	5.5	10.6	10.7	13.5	15.0	100%	NA
COUMI	4	5.2	7.6	10.1	11.3	12.6	100%	NA
TYLMO	4	4.3	7.9	12.3	13.6	14.0	100%	NA
TYLMI	4	4.0	8.3	13.3	15.2	16.3	100%	NA
Storm Flow Samples								
MONM	12	3.0	6.4	6.8	8.8	13.0	100%	NA
MONMN	12	3.7	5.1	7.0	9.8	14.1	100%	NA
MONMS	12	2.9	5.3	7.5	9.8	14.4	100%	NA
TOSMO	11	2.5	6.7	7.3	9.4	12.7	100%	NA
TOSMI	12	3.3	6.0	8.0	9.8	14.7	100%	NA
COLM	10	2.5	3.9	5.2	7.1	11.3	100%	NA
SEIMN	12	2.7	5.0	6.3	8.6	12.1	100%	NA
SEIMS	11	4.6	6.0	6.5	8.2	11.2	100%	NA
COUMO	12	3.3	6.7	7.1	9.3	13.7	100%	NA
COUMI	12	3.4	6.5	7.0	8.8	12.4	100%	NA
TYLMO	11	3.2	6.3	7.1	9.6	14.2	100%	NA
TYLMI	12	2.9	5.8	6.2	9.1	12.7	100%	NA

deg C: degrees Celsius
All summary statistics were calculated using values of half the reporting limit for non-detect values.
Compliance with applicable criterion for freshwater aquatic life protection from Washington Adminstrative Code 173-201A is assessed based on continuous temperature data (see Appendix K).

Table H-5. Summary Statistics for Total Suspended Solids Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.5	4.4	15.7	26.0	29.0	75%	NA
MONMN	4	0.5	2.8	6.5	18.0	28.0	75%	NA
MONMS	4	4.6	5.8	7.9	13.9	19.0	100%	NA
TOSMO	4	4.0	5.5	22.5	104.0	170.0	100%	NA
TOSMI	4	2.0	3.7	7.1	16.9	25.0	75%	NA
COLM	3	0.5	2.8	5.0	12.0	19.0	67%	NA
SEIMN	4	6.2	9.6	20.5	41.0	54.0	100%	NA
SEIMS	4	0.5	5.2	39.5	94.5	120.0	75%	NA
COUMO	4	0.5	3.2	9.5	26.0	39.0	75%	NA
COUMI	4	4.8	7.9	11.5	13.0	14.0	100%	NA
TYLMO	4	0.5	1.2	8.0	23.0	32.0	50%	NA
TYLMI	4	0.5	5.2	12.5	23.0	31.0	75%	NA
Storm Flow Samples								
MONM	12	4.2	5.7	8.9	43.5	53.0	100%	NA
MONMN	12	0.4	0.5	5.4	19.0	34.0	58%	NA
MONMS	12	0.4	0.5	5.6	6.0	16.0	58%	NA
TOSMO	12	0.5	9.8	30.0	94.5	710.0	92%	NA
TOSMI	12	0.5	22.0	43.5	101.5	300.0	92%	NA
COLM	10	0.4	0.5	0.5	4.0	7.0	30%	NA
SEIMN	12	0.5	10.1	20.5	110.0	140.0	92%	NA
SEIMS	11	6.0	20.5	43.0	72.0	100.0	100%	NA
COUMO	12	0.5	8.0	14.5	44.0	140.0	92%	NA
COUMI	12	0.5	11.8	19.5	50.0	240.0	92%	NA
TYLMO	12	0.5	0.5	20.0	62.0	210.0	67%	NA
TYLMI	12	0.5	0.5	7.5	20.0	46.0	67%	NA

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-6. Summary Statistics for Total Turbidity Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (NTU)	25th Percentile (NTU)	Median (NTU)	75th Percentile (NTU)	Maximum (NTU)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	1.7	1.9	4.4	7.0	7.3	100%	NA
MONMN	4	1.1	2.1	3.2	9.7	16.0	100%	NA
MONMS	4	0.7	1.2	2.6	4.2	4.6	100%	NA
TOSMO	4	1.3	1.8	2.2	3.4	4.4	100%	NA
TOSMI	4	1.4	1.6	4.3	8.4	10.0	100%	NA
COLM	3	0.3	0.6	1.0	3.2	5.4	100%	NA
SEIMN	4	1.1	2.7	5.4	11.8	17.0	100%	NA
SEIMS	4	0.7	1.9	16.1	36.0	43.0	100%	NA
COUMO	4	1.1	2.8	5.4	6.8	7.2	100%	NA
COUMI	4	1.0	2.5	4.2	4.6	4.8	100%	NA
TYLMO	4	1.0	1.2	1.5	6.3	11.0	100%	NA
TYLMI	4	2.0	2.0	3.9	8.3	11.0	100%	NA
Storm Flow Samples								
MONM	12	1.3	2.2	3.6	5.5	39.0	100%	NA
MONMN	12	0.9	1.8	2.8	4.2	12.0	100%	NA
MONMS	12	0.7	1.3	2.1	3.4	4.0	100%	NA
TOSMO	12	2.4	7.0	13.5	27.5	260.0	100%	NA
TOSMI	12	4.8	6.3	11.0	22.0	77.0	100%	NA
COLM	10	0.3	0.3	0.5	0.7	1.0	100%	NA
SEIMN	12	1.6	2.8	4.0	7.2	16.0	100%	NA
SEIMS	11	2.3	3.6	5.6	11.1	23.0	100%	NA
COUMO	12	2.8	4.4	9.6	12.0	60.0	100%	NA
COUMI	12	2.1	5.1	9.1	13.5	33.0	100%	NA
TYLMO	12	1.9	2.8	12.0	15.5	41.0	100%	NA
TYLMI	12	0.8	2.2	3.4	6.8	20.0	100%	NA

NTU: Nephelometric Turbidity Unit
All summary statistics were calculated using values of half the reporting limit for non-detect values.
Compliance with applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A cannot be assessed given sampling design.

Table H-7. Summary Statistics for Dissolved Organic Carbon Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	3.1	3.6	4.3	4.8	5.0	100%	NA
MONMN	4	3.8	4.2	4.9	5.5	5.8	100%	NA
MONMS	4	3.7	4.3	5.8	6.8	7.1	100%	NA
TOSMO	4	2.2	2.6	3.1	3.6	4.0	100%	NA
TOSMI	4	1.6	2.5	3.5	4.6	5.6	100%	NA
COLM	3	11.0	11.0	11.0	13.0	15.0	100%	NA
SEIMN	4	1.6	2.4	5.6	9.6	11.0	100%	NA
SEIMS	4	2.6	3.3	4.3	4.8	5.0	100%	NA
COUMO	4	3.0	3.5	4.6	5.6	6.1	100%	NA
COUMI	4	3.1	3.4	3.9	4.2	4.3	100%	NA
TYLMO	4	3.6	4.2	4.8	5.1	5.4	100%	NA
TYLMI	4	2.5	3.2	5.9	8.2	8.4	100%	NA
Storm Flow Samples								
MONM	12	3.7	4.5	5.6	7.2	12.0	100%	NA
MONMN	12	3.6	4.3	5.1	6.2	13.0	100%	NA
MONMS	12	5.2	5.6	6.2	7.6	13.0	100%	NA
TOSMO	12	3.0	3.9	5.1	7.8	25.0	100%	NA
TOSMI	12	3.1	4.0	5.0	8.4	47.0	100%	NA
COLM	10	8.5	9.2	10.0	12.0	13.0	100%	NA
SEIMN	12	3.8	5.2	7.3	8.3	10.0	100%	NA
SEIMS	11	4.5	4.9	5.7	8.4	15.0	100%	NA
COUMO	12	3.6	4.6	6.3	8.1	15.0	100%	NA
COUMI	12	3.8	4.2	5.4	8.6	14.0	100%	NA
TYLMO	12	3.7	4.6	5.9	7.6	38.0	100%	NA
TYLMI	12	6.3	7.6	8.2	9.9	20.0	100%	NA

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-8. Summary Statistics for Fecal Coliform Concentrations Measured in Storm Event and Base Flow Samples.

	n	Minimum (CFU/100 mL)	25th Percentile (CFU/100 mL)	Median (CFU/100 mL)	75th Percentile (CFU/100 mL)	Maximum (CFU/100 mL)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	5	78	175	700	1,200	100%	25%
MONMN	4	0	1	196	2,145	3,900	75%	50%
MONMS	4	1	4	17	32	38	100%	0%
TOSMO	4	47	64	140	235	270	100%	25%
TOSMI	4	65	102	140	185	230	100%	25%
COLM	3	4	6	8	18	27	100%	0%
SEIMN	4	2	5	34	346	630	100%	25%
SEIMS	4	29	40	201	1,075	1,800	100%	50%
COUMO	4	83	96	490	1,685	2,500	100%	50%
COUMI	4	2	7	216	1,960	3,500	100%	50%
TYLMO	4	2	10	84	280	410	100%	25%
TYLMI	4	7	7	148	425	560	100%	50%
Storm Flow Samples								
MONM	12	1	26	44	141	1,300	100%	17%
MONMN	12	0	6	25	288	720	92%	25%
MONMS	12	2	8	18	110	320	100%	17%
TOSMO	12	26	172	460	1,090	3,000	100%	75%
TOSMI	12	3	165	630	900	2,500	100%	67%
COLM	10	0	3	6	19	30	90%	0%
SEIMN	12	1	4	18	45	160	100%	0%
SEIMS	11	4	29	43	275	520	100%	27%
COUMO	12	14	56	310	805	2,400	100%	67%
COUMI	12	18	43	260	655	2,000	100%	50%
TYLMO	12	10	92	400	1,400	2,600	100%	58%
TYLMI	12	15	26	49	79	420	100%	8%

CFU/100 mL: Coliform forming units per 100 milliliters
All summary statistics were calculated using values of half the reporting limit for non-detect values.
Percentage of samples violating criteria (<=200 CFU/100 ml) for primacy contract recreation in fresh water from Washington Adminstrative Code 173-201A.

Table H-9. Summary Statistics for Total Nitrogen Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.46	0.49	0.57	0.70	0.76	100%	NA
MONMN	4	0.12	0.27	0.54	0.96	1.25	75%	NA
MONMS	4	0.37	0.43	0.52	0.76	0.98	100%	NA
TOSMO	4	0.48	0.64	0.82	0.91	0.97	100%	NA
TOSMI	4	0.93	0.94	1.05	1.19	1.22	100%	NA
COLM	3	0.41	0.45	0.50	0.57	0.64	100%	NA
SEIMN	4	0.10	0.40	0.72	0.73	0.74	75%	NA
SEIMS	4	0.25	0.47	0.69	1.12	1.54	100%	NA
COUMO	4	0.75	0.76	0.78	0.94	1.07	100%	NA
COUMI	4	0.24	0.40	0.60	0.66	0.66	100%	NA
TYLMO	4	0.48	0.56	0.71	0.85	0.94	100%	NA
TYLMI	4	0.60	0.68	0.99	1.30	1.37	100%	NA
Storm Flow Samples								
MONM	12	0.56	0.70	0.88	1.15	1.37	100%	NA
MONMN	12	0.47	0.66	0.79	0.92	1.31	100%	NA
MONMS	12	0.64	0.77	0.92	0.96	1.07	100%	NA
TOSMO	12	0.71	0.96	1.04	1.38	4.98	100%	NA
TOSMI	12	0.69	0.86	1.34	1.41	3.72	100%	NA
COLM	10	0.35	0.53	0.61	0.63	1.26	100%	NA
SEIMN	12	0.10	0.62	0.69	0.97	1.44	83%	NA
SEIMS	11	0.10	0.76	0.93	1.73	1.86	91%	NA
COUMO	12	0.39	0.77	1.08	1.33	1.72	100%	NA
COUMI	12	0.25	0.71	0.89	1.37	2.79	100%	NA
TYLMO	12	0.77	0.92	1.11	1.27	3.42	100%	NA
TYLMI	12	0.61	0.78	0.95	1.38	1.70	100%	NA

mg/L: milligrams per liter
Total Nitrogen values were calculated by adding the Total Nitrate + Nitrite and Total Kjeldahl Nitrogen values.
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-10. Summary Statistics for Nitrate + Nitrite (N+N) Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.11	0.14	0.22	0.30	0.34	100%	NA
MONMN	4	0.11	0.11	0.11	0.20	0.30	100%	NA
MONMS	4	0.02	0.03	0.08	0.28	0.44	100%	NA
TOSMO	4	0.44	0.45	0.47	0.56	0.64	100%	NA
TOSMI	4	0.57	0.60	0.69	0.85	0.94	100%	NA
COLM	3	0.02	0.03	0.03	0.04	0.04	100%	NA
SEIMN	4	0.11	0.12	0.16	0.19	0.20	100%	NA
SEIMS	4	0.22	0.24	0.26	0.29	0.32	100%	NA
COUMO	4	0.34	0.35	0.38	0.40	0.41	100%	NA
COUMI	4	0.23	0.24	0.25	0.29	0.32	100%	NA
TYLMO	4	0.26	0.27	0.34	0.44	0.48	100%	NA
TYLMI	4	0.18	0.23	0.51	0.78	0.81	100%	NA
Storm Flow Samples								
MONM	12	0.06	0.20	0.27	0.31	0.34	100%	NA
MONMN	12	0.14	0.18	0.21	0.27	0.29	100%	NA
MONMS	12	0.16	0.18	0.25	0.35	0.44	100%	NA
TOSMO	12	0.18	0.29	0.43	0.53	0.78	100%	NA
TOSMI	12	0.15	0.25	0.49	0.91	1.23	100%	NA
COLM	10	0.01	0.02	0.04	0.06	0.13	80%	NA
SEIMN	12	0.10	0.13	0.15	0.19	0.44	100%	NA
SEIMS	11	0.14	0.18	0.20	0.23	0.51	100%	NA
COUMO	12	0.19	0.23	0.38	0.44	0.66	100%	NA
COUMI	12	0.17	0.23	0.26	0.29	1.10	100%	NA
TYLMO	12	0.14	0.20	0.29	0.41	1.00	100%	NA
TYLMI	12	0.05	0.19	0.24	0.32	0.91	100%	NA

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-11. Summary Statistics for Total Kjeldahl Nitrogen (TKN) Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.35	0.35	0.36	0.39	0.42	100%	NA
MONMN	4	0.12	0.22	0.34	0.76	1.14	75%	NA
MONMS	4	0.34	0.35	0.44	0.53	0.54	100%	NA
TOSMO	4	0.15	0.24	0.34	0.37	0.39	75%	NA
TOSMI	4	0.15	0.25	0.38	0.50	0.59	75%	NA
COLM	3	0.39	0.43	0.47	0.53	0.60	100%	NA
SEIMN	4	0.15	0.34	0.53	0.56	0.58	75%	NA
SEIMS	4	0.15	0.29	0.45	0.85	1.22	75%	NA
COUMO	4	0.36	0.38	0.40	0.57	0.73	100%	NA
COUMI	4	0.15	0.22	0.31	0.38	0.42	75%	NA
TYLMO	4	0.15	0.26	0.37	0.52	0.66	75%	NA
TYLMI	4	0.42	0.45	0.48	0.52	0.56	100%	NA
Storm Flow Samples								
MONM	12	0.33	0.46	0.60	0.87	1.07	100%	NA
MONMN	12	0.33	0.43	0.56	0.69	1.04	100%	NA
MONMS	12	0.47	0.51	0.57	0.66	0.78	100%	NA
TOSMO	12	0.38	0.43	0.76	0.94	4.20	100%	NA
TOSMI	12	0.32	0.49	0.60	0.89	2.49	100%	NA
COLM	10	0.35	0.53	0.55	0.59	1.23	100%	NA
SEIMN	12	0.15	0.40	0.54	0.83	0.99	83%	NA
SEIMS	11	0.15	0.55	0.74	1.41	1.63	91%	NA
COUMO	12	0.15	0.46	0.76	0.98	1.26	83%	NA
COUMI	12	0.15	0.48	0.63	1.03	1.92	83%	NA
TYLMO	12	0.44	0.58	0.82	1.03	2.42	100%	NA
TYLMI	12	0.44	0.61	0.70	0.88	1.40	100%	NA

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-12. Summary Statistics for Total Phosphorus Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.019	0.027	0.043	0.060	0.071	100%	NA
MONMN	4	0.005	0.017	0.042	0.163	0.270	75%	NA
MONMS	4	0.025	0.044	0.082	0.105	0.110	100%	NA
TOSMO	4	0.051	0.051	0.052	0.062	0.071	100%	NA
TOSMI	4	0.030	0.046	0.071	0.140	0.200	100%	NA
COLM	3	0.005	0.005	0.005	0.017	0.029	33%	NA
SEIMN	4	0.016	0.038	0.060	0.077	0.093	100%	NA
SEIMS	4	0.015	0.021	0.078	0.150	0.170	100%	NA
COUMO	4	0.022	0.035	0.068	0.090	0.092	100%	NA
COUMI	4	0.048	0.074	0.105	0.110	0.110	100%	NA
TYLMO	4	0.015	0.024	0.055	0.113	0.150	100%	NA
TYLMI	4	0.016	0.032	0.054	0.075	0.091	100%	NA
Storm Flow Samples								
MONM	12	0.011	0.022	0.030	0.110	0.190	100%	NA
MONMN	12	0.005	0.018	0.024	0.082	0.120	92%	NA
MONMS	12	0.011	0.018	0.037	0.082	0.230	100%	NA
TOSMO	12	0.029	0.043	0.098	0.210	1.100	100%	NA
TOSMI	12	0.038	0.070	0.091	0.225	0.480	100%	NA
COLM	10	0.005	0.005	0.005	0.005	0.049	20%	NA
SEIMN	12	0.021	0.024	0.033	0.120	0.160	100%	NA
SEIMS	11	0.017	0.033	0.053	0.110	0.150	100%	NA
COUMO	12	0.025	0.042	0.081	0.155	0.220	100%	NA
COUMI	12	0.050	0.065	0.107	0.190	0.380	100%	NA
TYLMO	12	0.012	0.034	0.053	0.110	0.250	100%	NA
TYLMI	12	0.005	0.024	0.044	0.089	0.380	92%	NA

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-13. Summary Statistics for Total Hardness Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (mg/L)	25th Percentile (mg/L)	Median (mg/L)	75th Percentile (mg/L)	Maximum (mg/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	65	65	88	115	120	100%	NA
MONMN	4	53	62	96	120	120	100%	NA
MONMS	4	94	102	140	175	180	100%	NA
TOSMO	4	100	110	125	130	130	100%	NA
TOSMI	4	54	92	140	155	160	100%	NA
COLM	3	16	19	22	25	28	100%	NA
SEIMN	4	19	22	38	52	54	100%	NA
SEIMS	4	34	41	52	59	61	100%	NA
COUMO	4	88	104	135	155	160	100%	NA
COUMI	4	54	92	150	175	180	100%	NA
TYLMO	4	58	68	94	110	110	100%	NA
TYLMI	4	45	58	90	115	120	100%	NA
Storm Flow Samples								
MONM	12	52	67	78	90	120	100%	NA
MONMN	12	37	54	68	82	140	100%	NA
MONMS	12	65	96	105	120	130	100%	NA
TOSMO	12	46	68	86	125	180	100%	NA
TOSMI	12	26	49	72	125	160	100%	NA
COLM	10	14	15	16	20	23	100%	NA
SEIMN	12	18	22	27	37	53	100%	NA
SEIMS	11	35	42	44	50	64	100%	NA
COUMO	12	36	58	94	115	150	100%	NA
COUMI	12	59	88	120	130	170	100%	NA
TYLMO	12	26	37	58	69	88	100%	NA
TYLMI	12	41	48	62	100	130	100%	NA

mg/L: milligrams per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-14. Summary Statistics for Dissolved Copper Concentrations Measured in Storm Event and Base Flow Samples.

	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.5	0.5	0.5	0.5	0.5	0%	0%
MONMN	4	0.5	0.5	0.5	0.9	1.3	25%	0%
MONMS	4	0.5	0.5	0.5	0.8	1.2	25%	0%
TOSMO	4	0.5	0.5	0.5	0.8	1.1	25%	0%
TOSMI	4	0.5	0.5	0.8	1.2	1.3	50%	0%
COLM	3	0.5	0.5	0.5	0.5	0.5	0%	0%
SEIMN	4	0.5	0.5	0.5	0.8	1.0	25%	0%
SEIMS	4	0.5	0.5	0.5	0.5	0.5	0%	0%
COUMO	4	0.5	0.5	0.5	0.8	1.2	25%	0%
COUMI	4	0.5	0.5	0.5	0.5	0.5	0%	0%
TYLMO	4	0.5	0.5	0.8	1.5	1.8	50%	0%
TYLMI	4	0.5	0.5	1.0	1.8	2.0	50%	0%
Storm Flow Samples								
MONM	12	0.5	0.5	0.5	1.2	2.4	42%	0%
MONMN	12	0.5	0.5	0.5	0.8	2.1	25%	0%
MONMS	12	0.5	1.0	1.1	1.3	2.2	83%	0%
TOSMO	12	0.5	0.5	1.4	2.8	4.5	67%	0%
TOSMI	12	1.1	1.7	2.0	4.4	12.0	100%	0%
COLM	10	0.5	0.5	0.5	0.5	1.7	10%	0%
SEIMN	12	0.5	0.5	0.5	0.5	1.2	8%	0%
SEIMS	11	0.5	0.5	0.5	0.5	0.5	0%	0%
COUMO	12	0.5	0.5	1.6	3.0	5.5	67%	0%
COUMI	12	0.5	0.5	0.5	1.7	5.0	42%	0%
TYLMO	12	1.6	2.0	2.5	5.3	25.0	100%	8%
TYLMI	12	1.4	1.6	1.8	2.0	2.5	100%	0%

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
Percentage of base flow and storm event samples violating chronic and acute criteria for fresh water aquatic life protection, respectively, from Washington Adminstrative Code 173-201A. Criterion were derived using measured hardness at each station (see Table H-13).

Table H-15. Summary Statistics for Total Copper Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	0.5	0.5	0.9	1.4	1.5	50%	NA
MONMN	4	0.5	0.5	0.9	1.7	2.1	50%	NA
MONMS	4	0.5	1.0	1.9	2.3	2.3	75%	NA
TOSMO	4	0.5	0.5	0.5	1.2	2.0	25%	NA
TOSMI	4	1.4	1.8	2.3	6.2	10.0	100%	NA
COLM	3	0.5	0.5	0.5	0.5	0.5	0%	NA
SEIMN	4	0.5	0.8	1.1	1.4	1.7	75%	NA
SEIMS	4	0.5	0.5	1.2	2.2	2.6	50%	NA
COUMO	4	0.5	0.5	0.8	1.2	1.3	50%	NA
COUMI	4	0.5	0.9	1.6	1.9	2.0	75%	NA
TYLMO	4	0.5	1.1	1.8	2.0	2.1	75%	NA
TYLMI	4	1.3	1.6	2.1	3.6	5.0	100%	NA
Storm Flow Samples								
MONM	12	1.0	1.2	1.8	2.6	3.1	100%	NA
MONMN	12	0.5	1.1	1.3	1.4	3.3	83%	NA
MONMS	12	0.5	1.4	1.6	2.2	3.0	92%	NA
TOSMO	12	1.2	2.5	3.7	9.3	41.0	100%	NA
TOSMI	12	2.4	4.0	7.8	9.5	27.0	100%	NA
COLM	10	0.5	0.5	0.5	0.5	1.4	20%	NA
SEIMN	12	0.5	0.8	1.4	1.7	3.8	75%	NA
SEIMS	11	0.5	0.5	0.5	1.5	2.5	36%	NA
COUMO	12	1.2	2.2	3.2	5.3	8.7	100%	NA
COUMI	12	1.0	1.5	2.7	3.8	13.0	100%	NA
TYLMO	12	2.1	2.9	5.6	8.6	32.0	100%	NA
TYLMI	12	1.9	2.3	2.8	5.0	13.0	100%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table H-16. Summary Statistics for Dissolved Zinc Concentrations Measured in Storm Event and Base Flow Samples.

	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	2.5	2.5	5.4	9.6	11.0	50%	0%
MONMN	4	2.5	4.5	6.7	8.1	9.3	75%	0%
MONMS	4	2.5	2.5	2.5	2.5	2.5	0%	0%
TOSMO	4	6.3	6.7	9.6	12.5	13.0	100%	0%
TOSMI	4	13.0	14.5	18.0	23.0	26.0	100%	0%
COLM	3	2.5	2.5	2.5	4.6	6.8	33%	0%
SEIMN	4	2.5	2.5	2.5	2.5	2.5	0%	0%
SEIMS	4	2.5	2.5	2.5	2.5	2.5	0%	0%
COUMO	4	2.5	2.5	4.1	9.8	14.0	50%	0%
COUMI	4	2.5	2.5	3.8	9.6	14.0	50%	0%
TYLMO	4	2.5	2.5	2.5	5.9	9.3	25%	0%
TYLMI	4	2.5	2.5	2.5	4.5	6.6	25%	0%
Storm Flow Samples								
MONM	12	8.1	9.8	11.5	13.0	44.0	100%	0%
MONMN	12	2.5	2.5	8.2	12.0	22.0	67%	0%
MONMS	12	2.5	2.5	2.5	2.5	2.5	0%	0%
TOSMO	12	9.8	11.0	13.0	25.5	430.0	100%	8%
TOSMI	12	16.0	18.5	27.5	45.0	1,600.0	100%	8%
COLM	10	2.5	2.5	2.5	2.5	2.5	0%	0%
SEIMN	12	2.5	2.5	2.5	2.5	2.5	0%	0%
SEIMS	11	2.5	2.5	2.5	2.5	2.5	0%	0%
COUMO	12	7.7	11.0	14.5	35.0	3,600.0	100%	17%
COUMI	12	6.4	7.8	10.0	26.0	83.0	100%	0%
TYLMO	12	2.5	5.3	8.1	11.0	21.0	92%	0%
TYLMI	12	2.5	5.8	8.0	9.5	11.0	83%	0%

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
Percentage of base flow and storm event samples violating chronic and acute criteria for fresh water aquatic life protection, respectively, from Washington Adminstrative Code 173-201A. Criterion were derived using measured hardness at each station (see Table H-13).

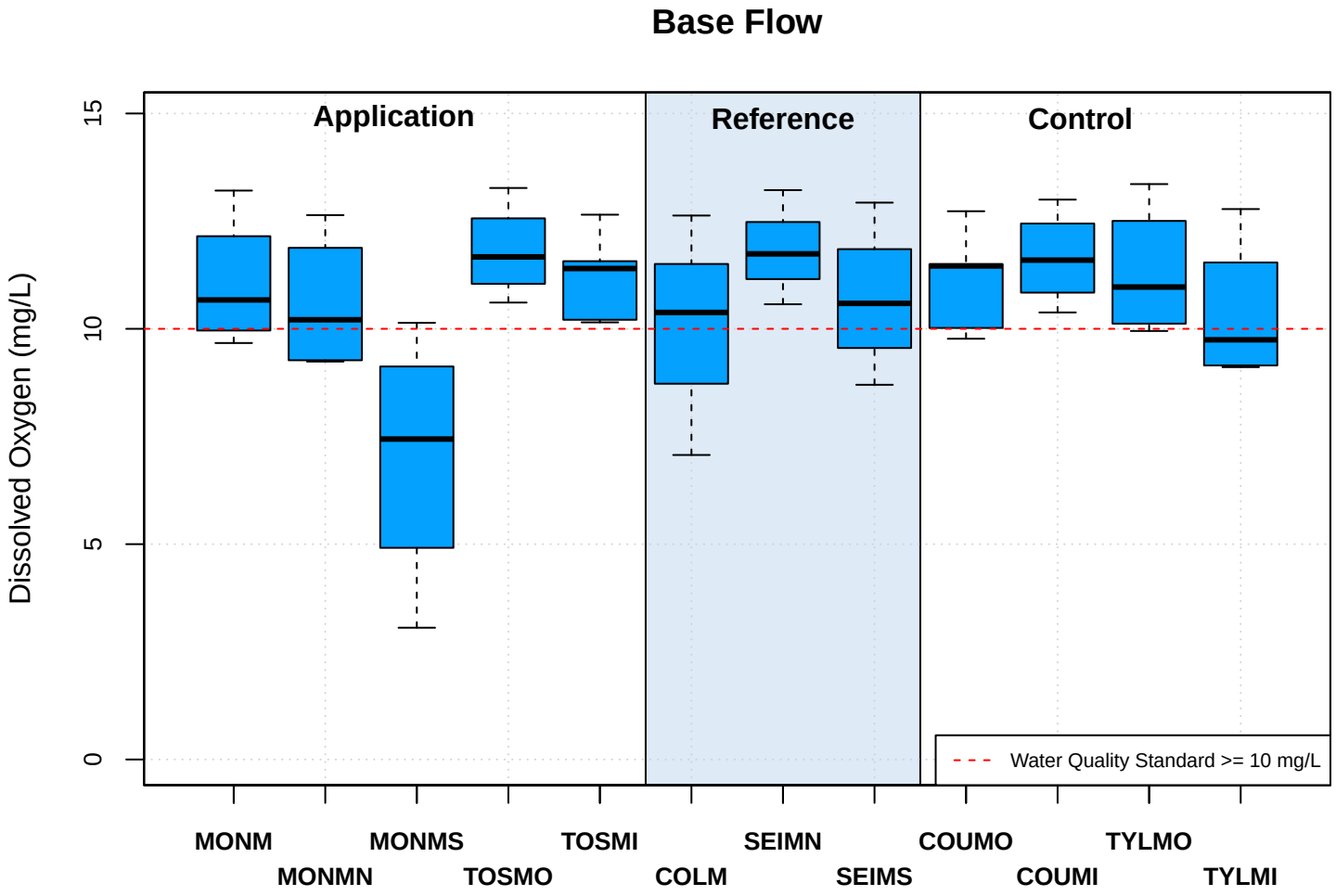
Table H-17. Summary Statistics for Total Zinc Concentrations Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
MONM	4	6.3	12.2	25.0	35.5	39.0	100%	NA
MONMN	4	2.5	5.6	9.9	15.5	20.0	75%	NA
MONMS	4	2.5	2.5	8.2	15.5	17.0	50%	NA
TOSMO	4	9.6	13.8	19.0	25.0	30.0	100%	NA
TOSMI	4	44.0	44.5	56.5	169.0	270.0	100%	NA
COLM	3	2.5	2.5	2.5	3.9	5.3	33%	NA
SEIMN	4	2.5	2.5	2.5	2.5	2.5	0%	NA
SEIMS	4	2.5	2.5	7.8	20.5	28.0	50%	NA
COUMO	4	8.7	9.2	14.8	20.0	20.0	100%	NA
COUMI	4	9.5	12.8	18.5	26.0	31.0	100%	NA
TYLMO	4	2.5	2.5	5.8	13.1	17.0	50%	NA
TYLMI	4	7.8	7.9	8.6	34.5	60.0	100%	NA
Storm Flow Samples								
MONM	12	10.0	17.0	27.0	41.0	50.0	100%	NA
MONMN	12	2.5	6.6	11.5	17.5	49.0	92%	NA
MONMS	12	2.5	2.5	2.5	6.2	9.8	42%	NA
TOSMO	12	13.0	30.5	61.5	232.5	840.0	100%	NA
TOSMI	12	54.0	65.5	120.0	230.0	1,700.0	100%	NA
COLM	10	2.5	2.5	2.5	2.5	2.5	0%	NA
SEIMN	12	2.5	2.5	2.5	2.5	5.7	8%	NA
SEIMS	11	2.5	2.5	2.5	5.8	10.0	36%	NA
COUMO	12	12.0	24.5	29.0	72.5	3,800.0	100%	NA
COUMI	12	15.0	19.0	37.0	98.0	140.0	100%	NA
TYLMO	12	6.7	12.0	19.0	41.5	54.0	100%	NA
TYLMI	12	8.2	10.4	17.5	49.0	150.0	100%	NA

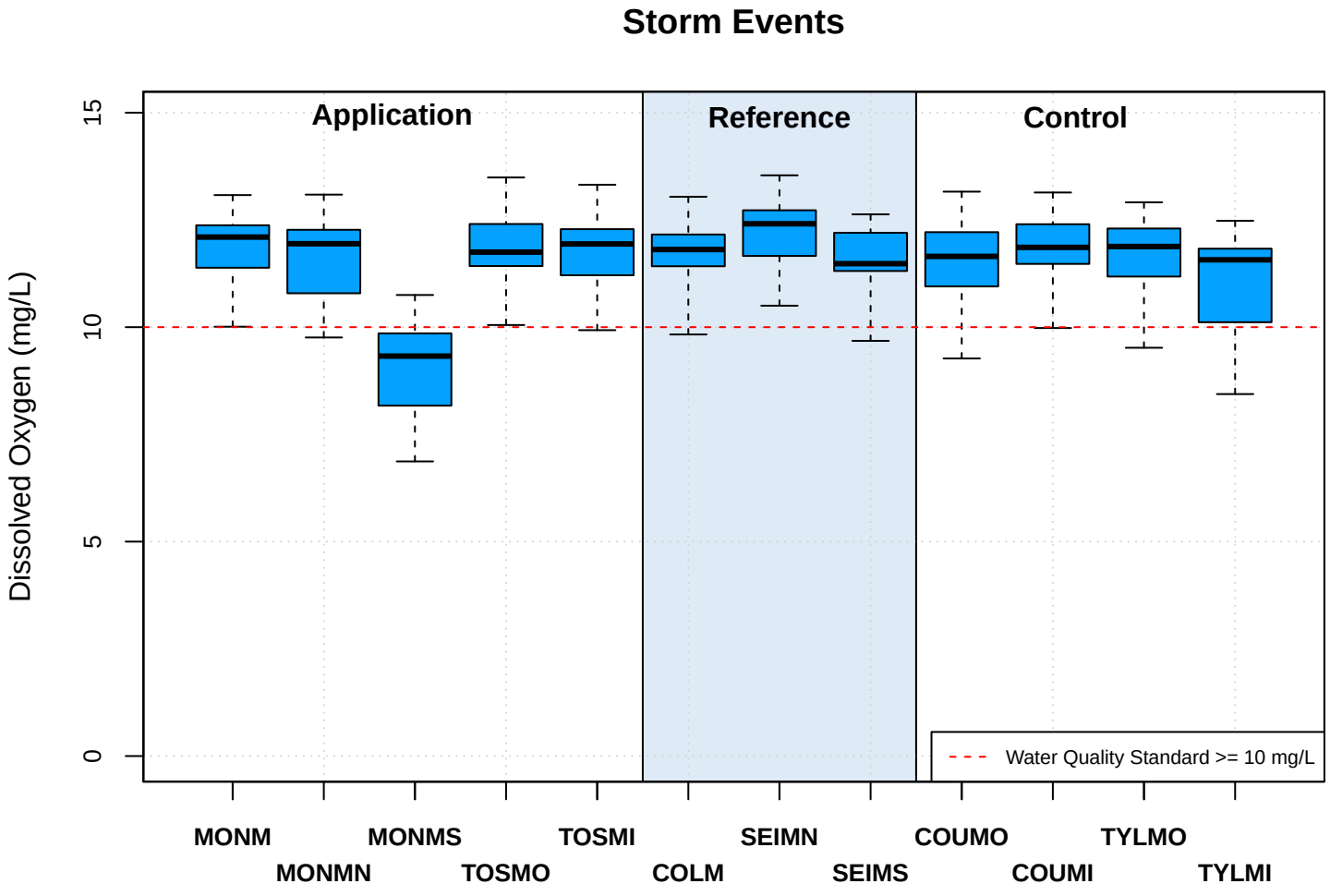
ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Appendix I

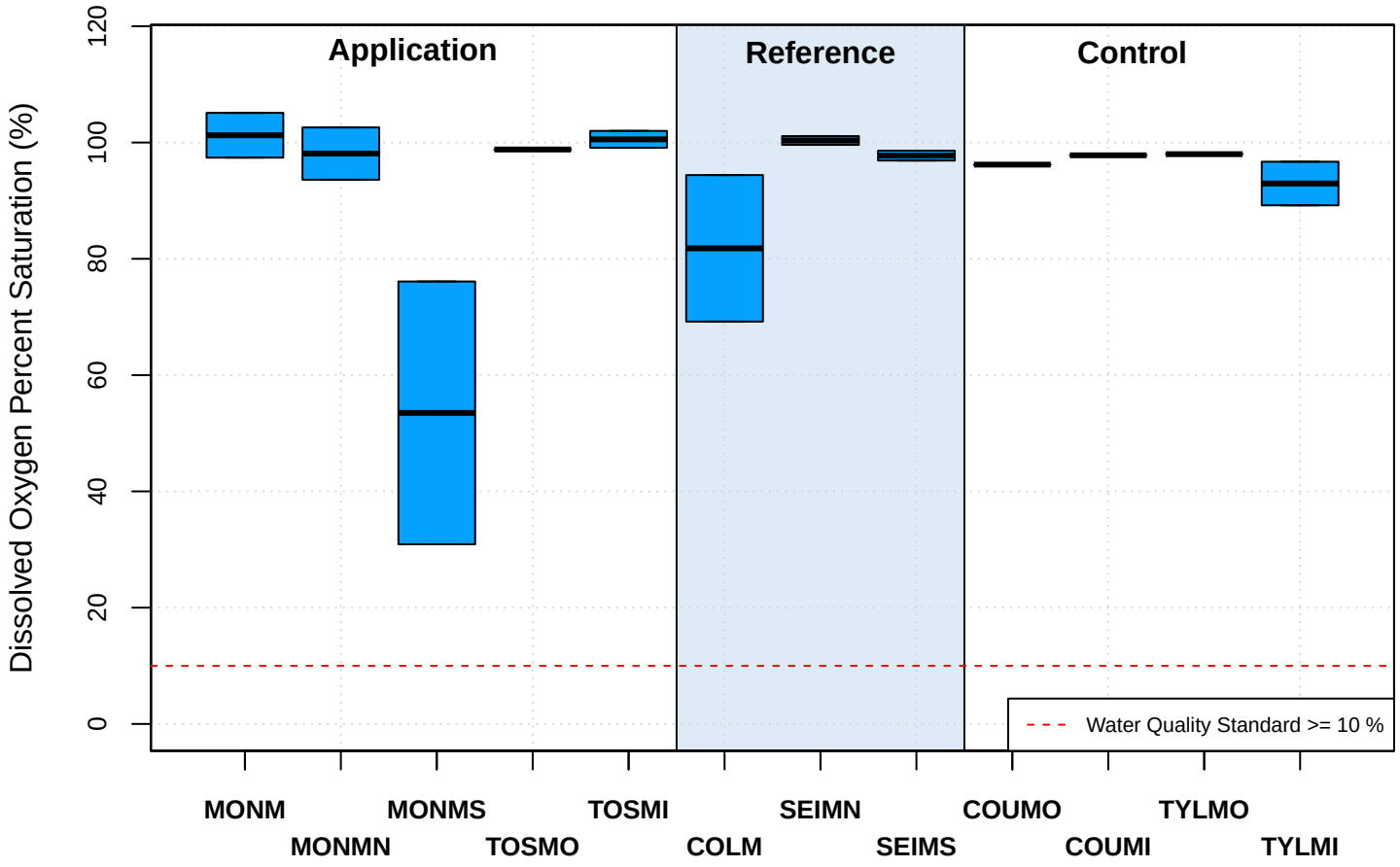
Box and Whisker Plots Showing Pollutant Concentrations Measured in Storm Event and Base Flow Samples for Status and Trends Monitoring

HERRERA
Science + Planning + Design

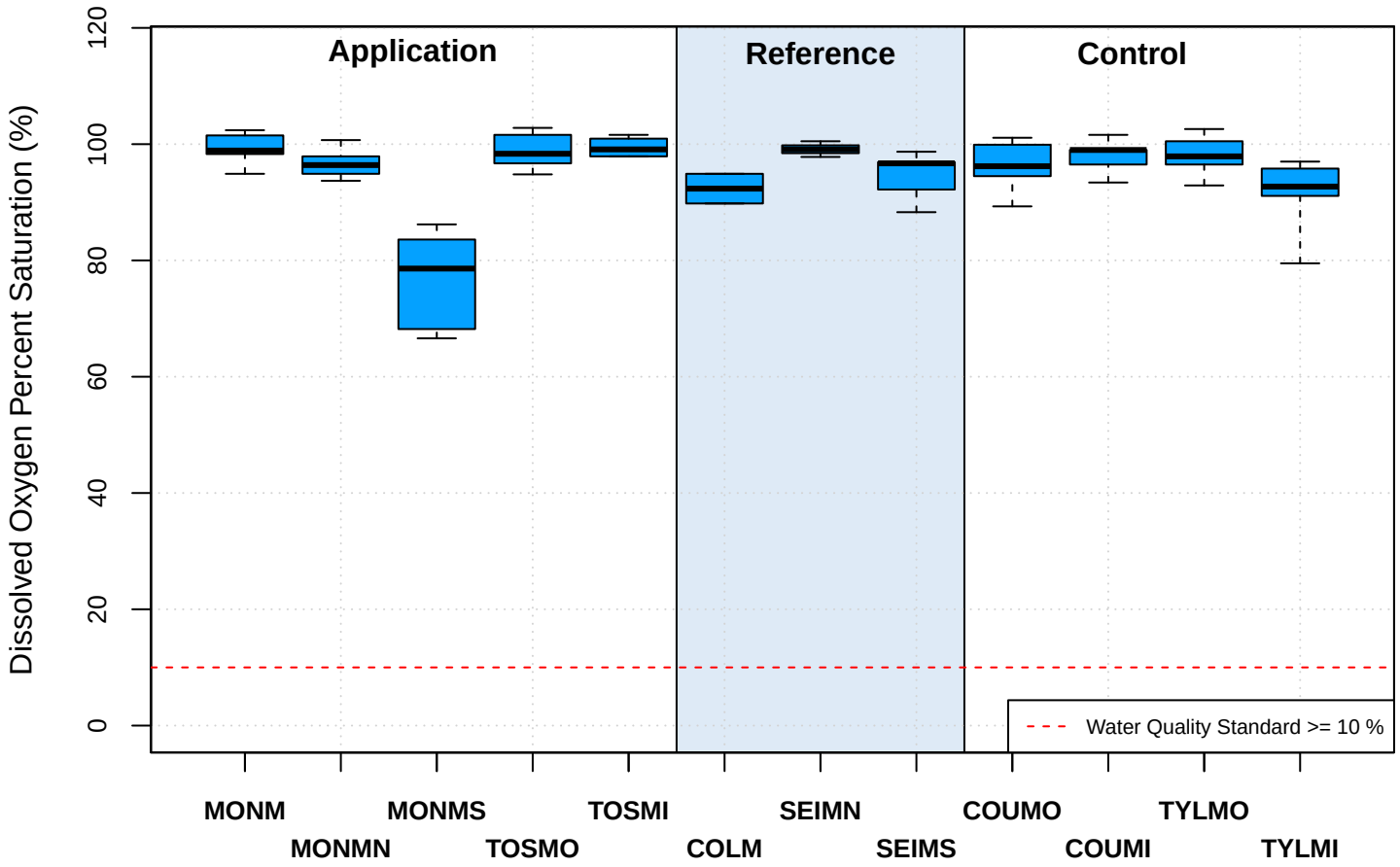

Base Flow
Application
Reference
Control
Dissolved Oxygen (mg/L)
0
5
10
15
Water Quality Standard >= 10 mg/L
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI


Storm Events
Application
Reference
Control
Dissolved Oxygen (mg/L)
0
5
10
15
Water Quality Standard >= 10 mg/L
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI

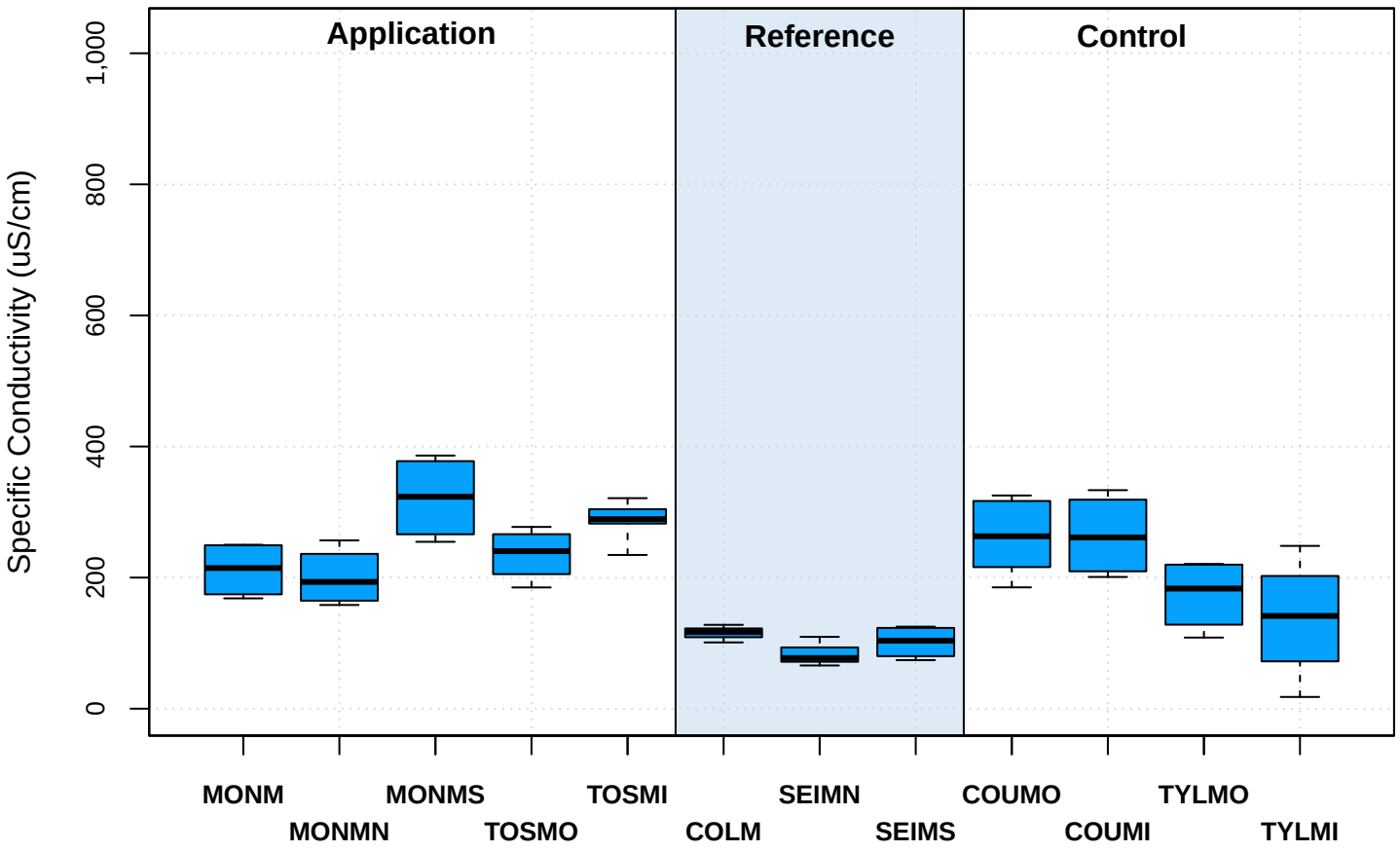
Base Flow



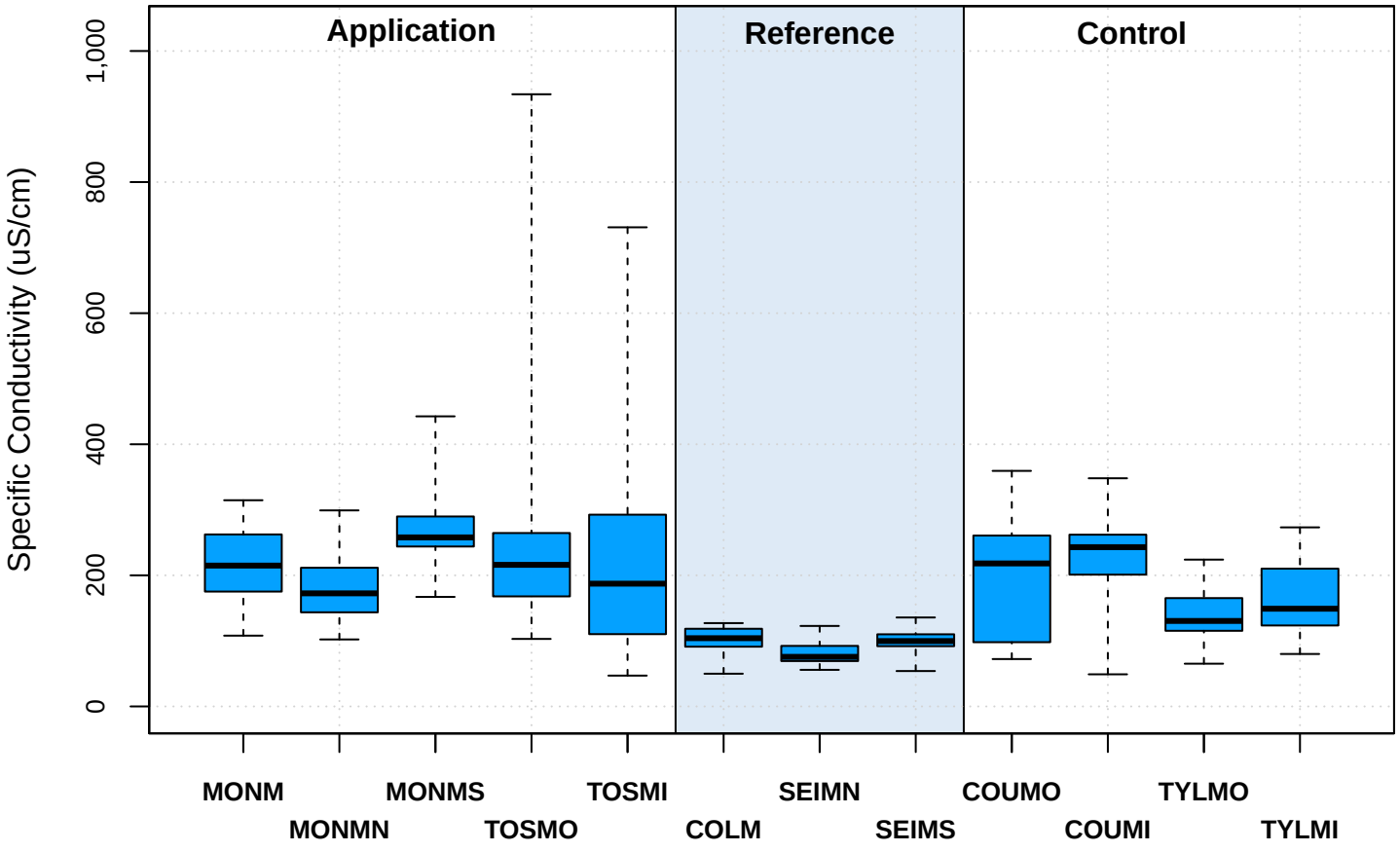
Storm Events



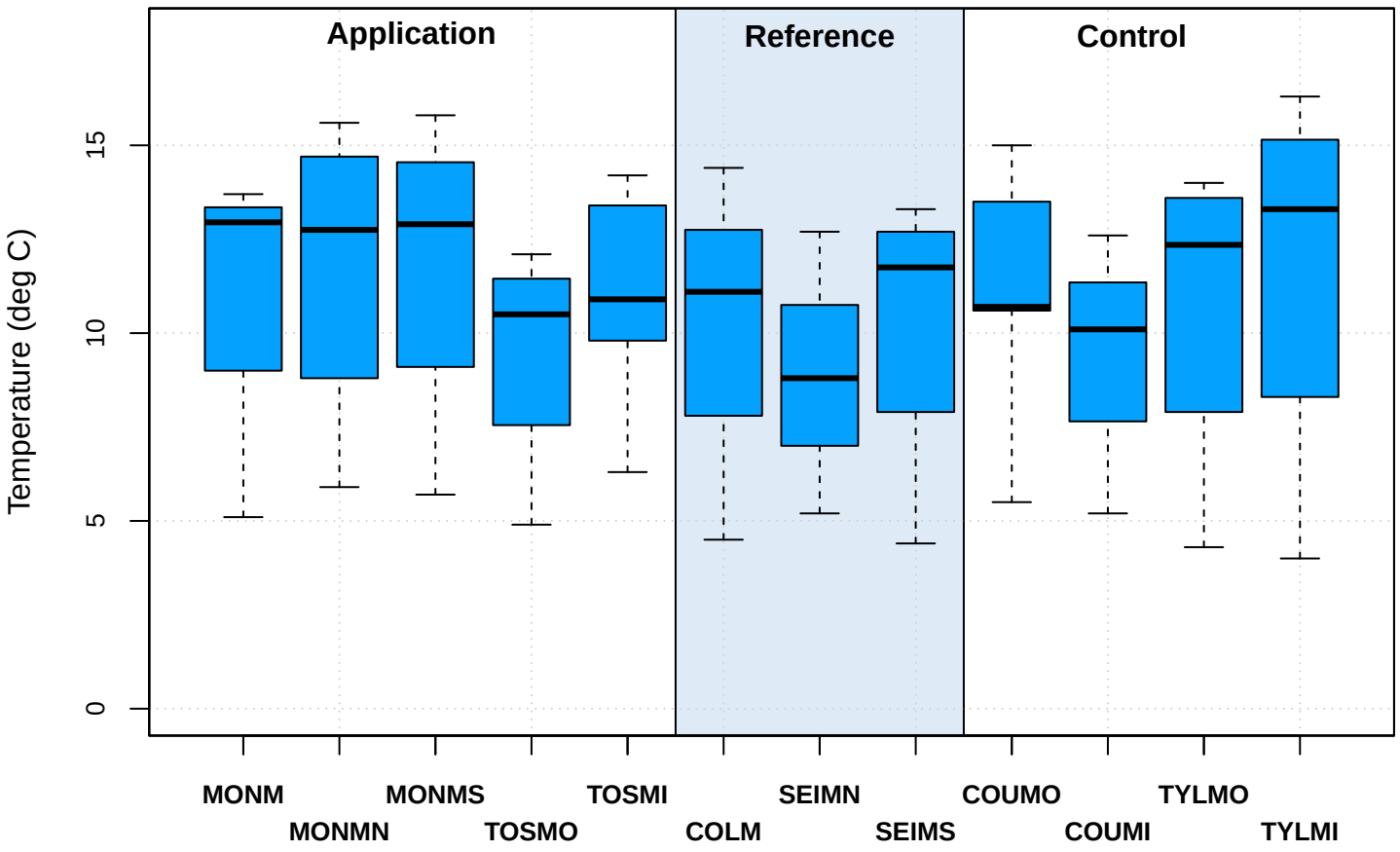
Base Flow



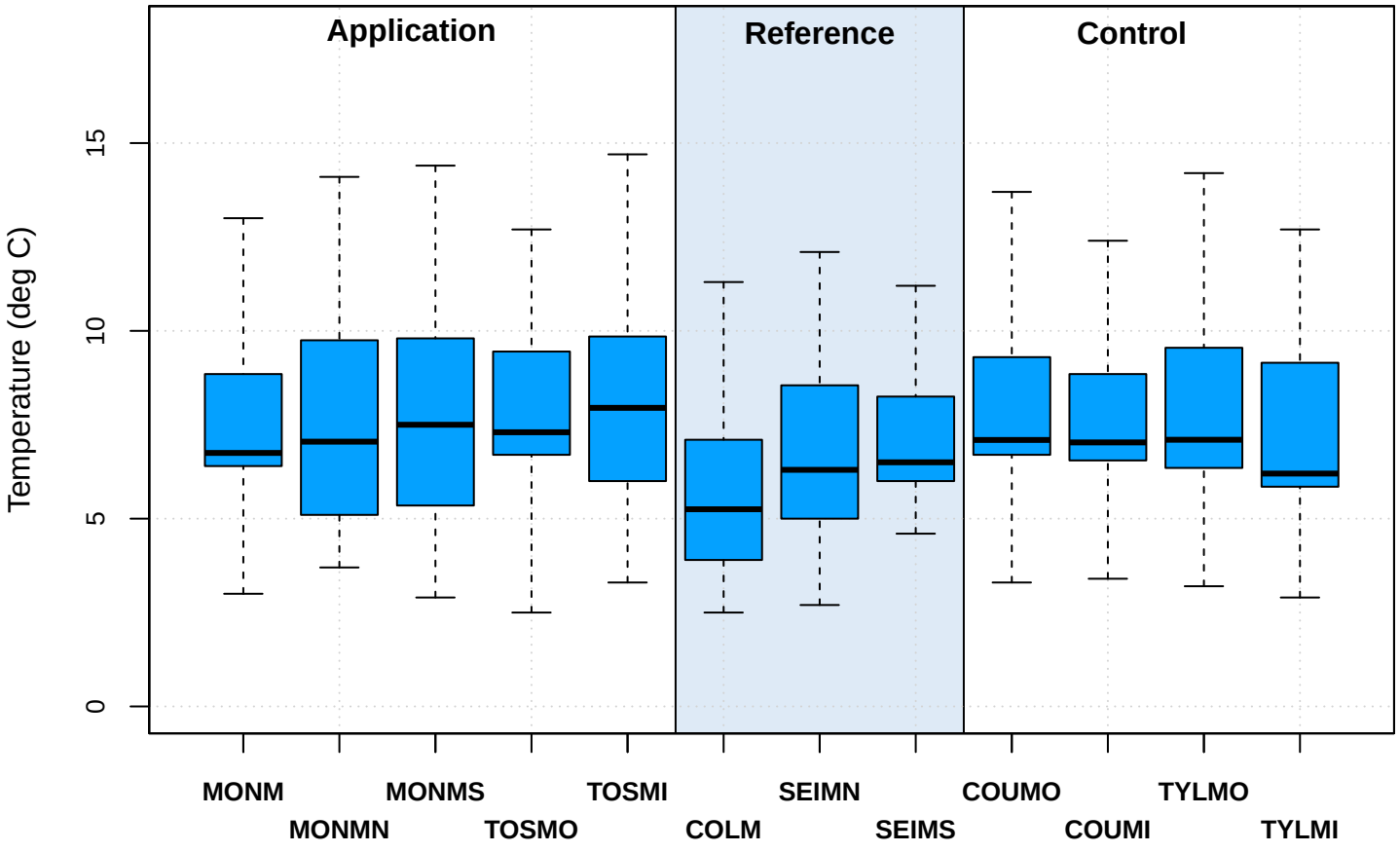
Storm Events

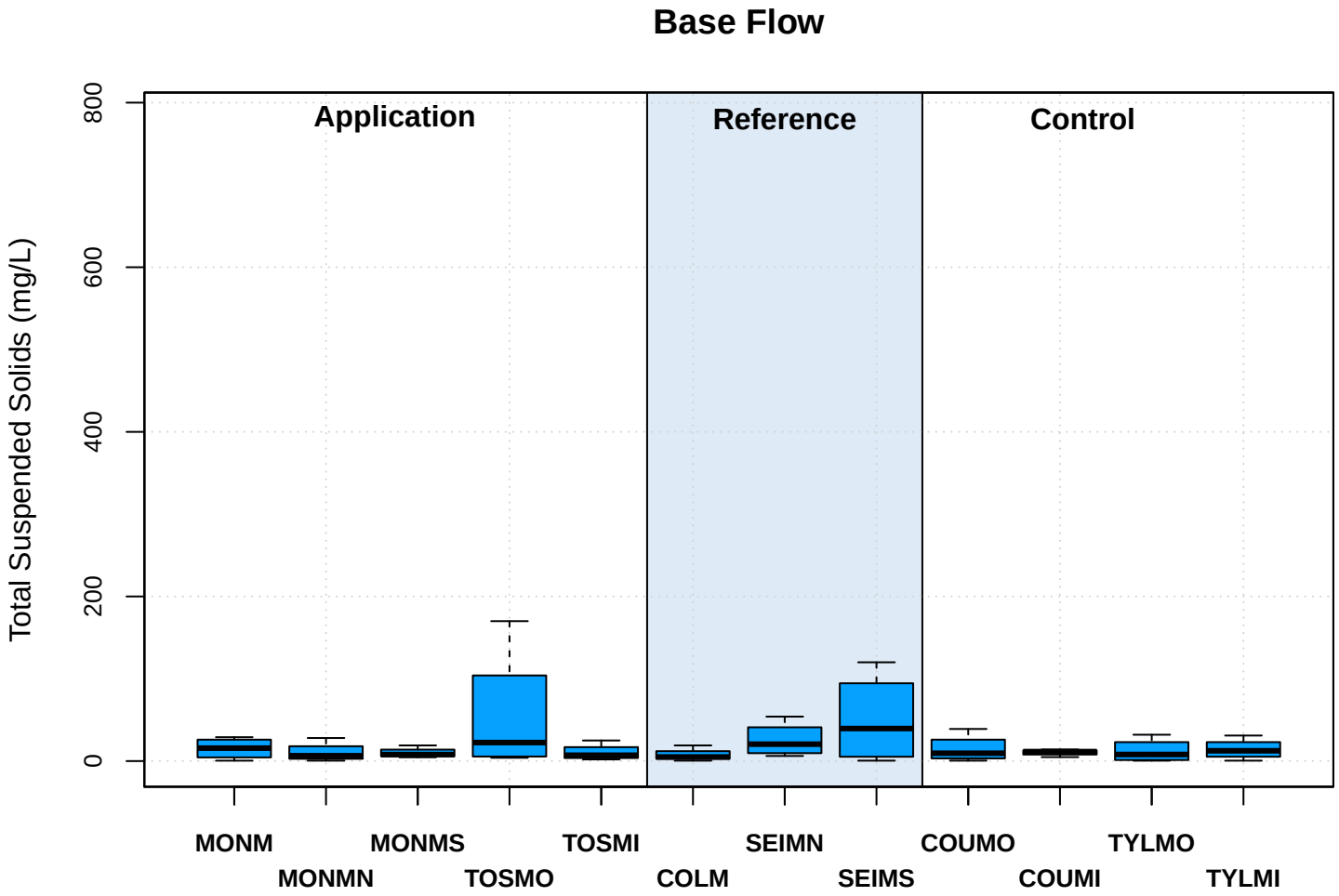


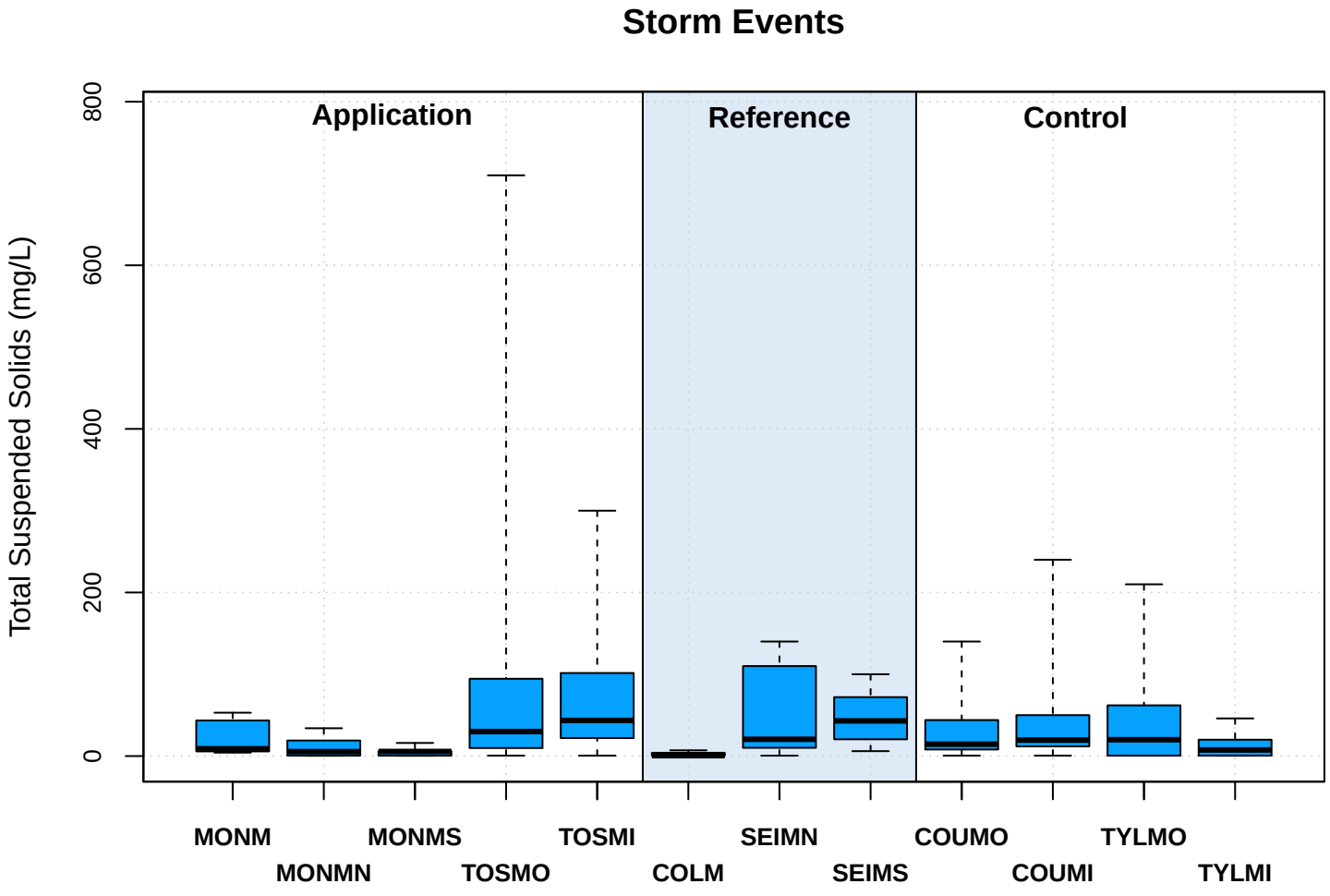
Base Flow



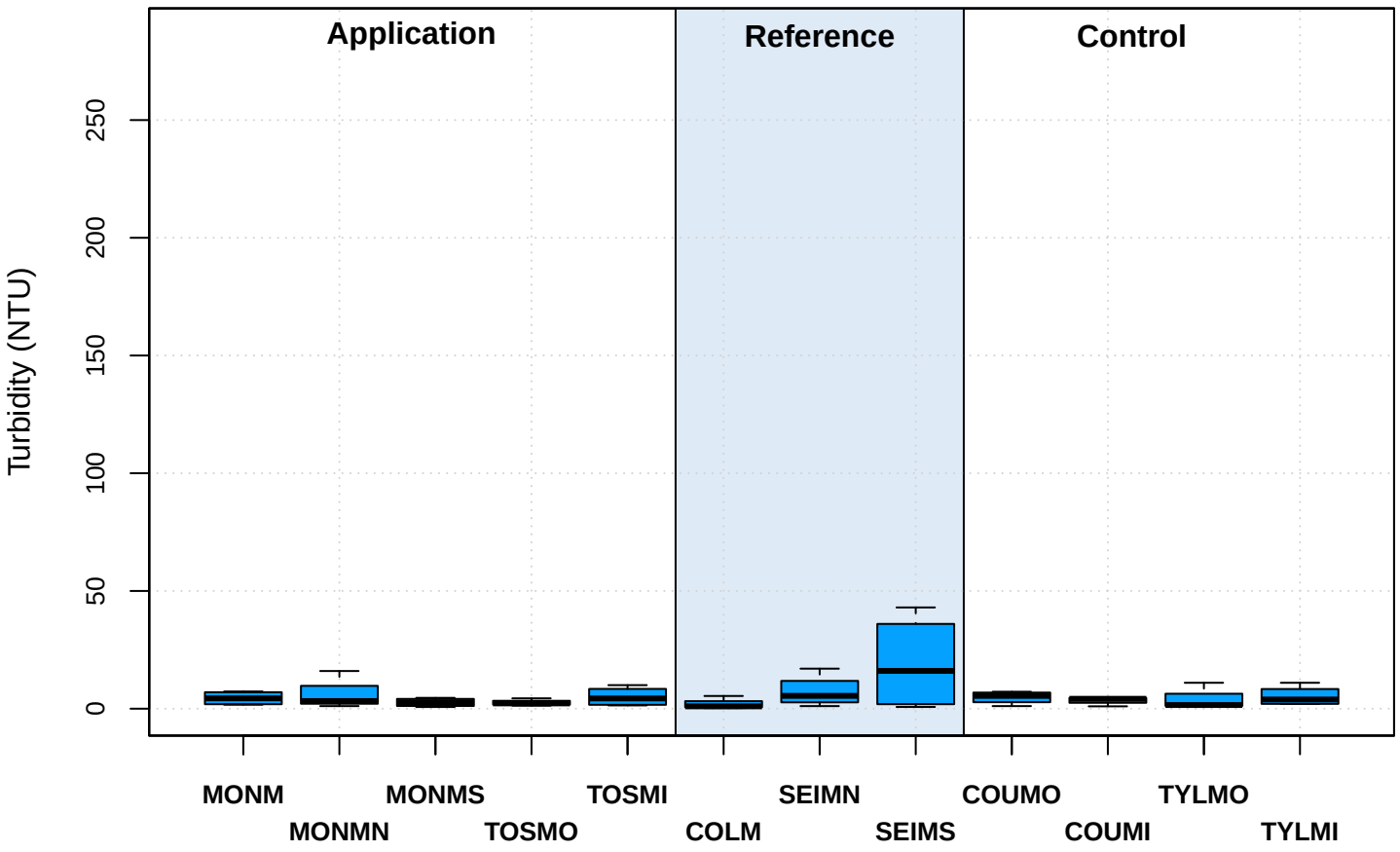
Storm Events



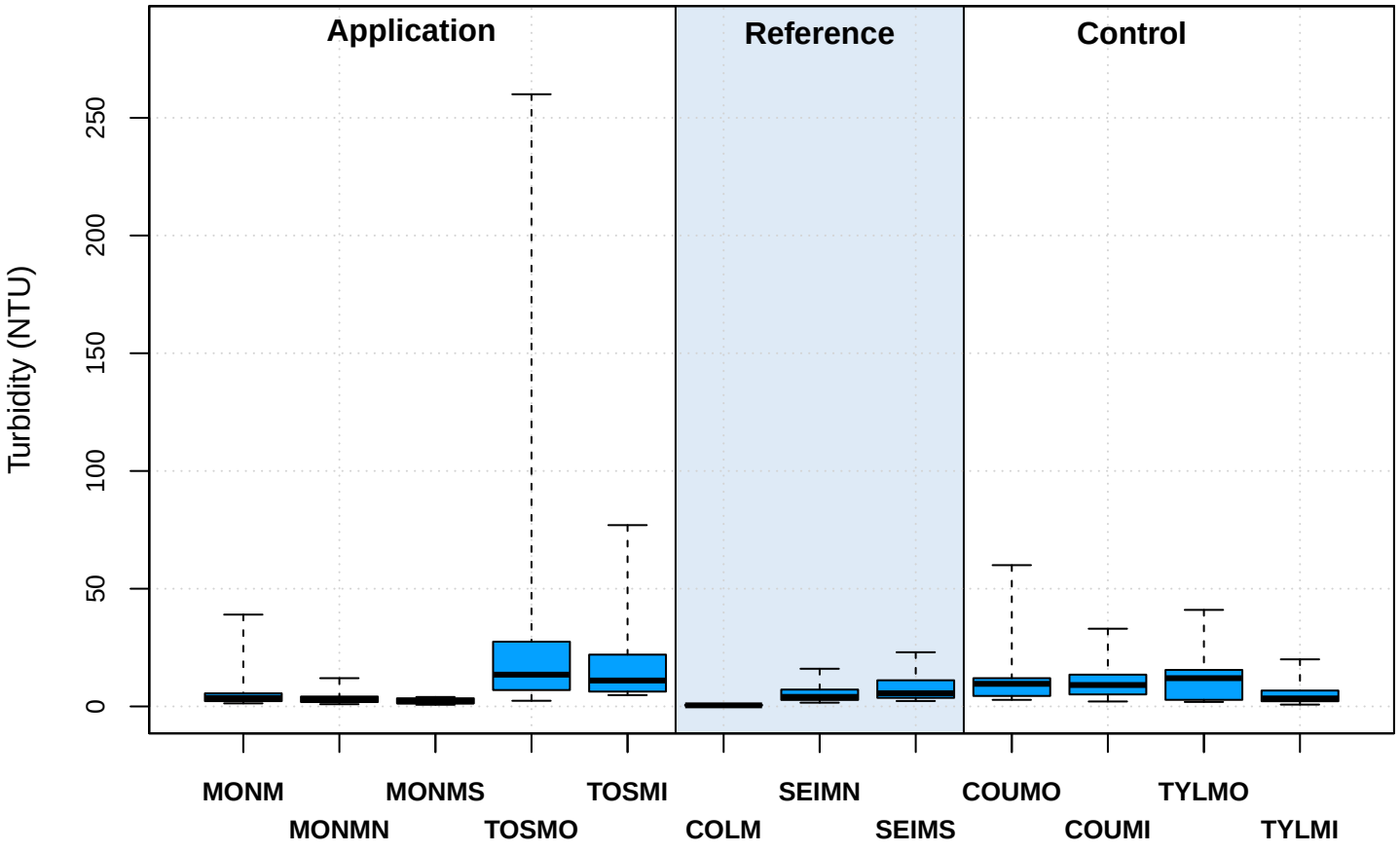

Base Flow
Application
Reference
Control
Total Suspended Solids (mg/L)
0
200
400
600
800
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI


Storm Events
Application
Reference
Control
Total Suspended Solids (mg/L)
0
200
400
600
800
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI

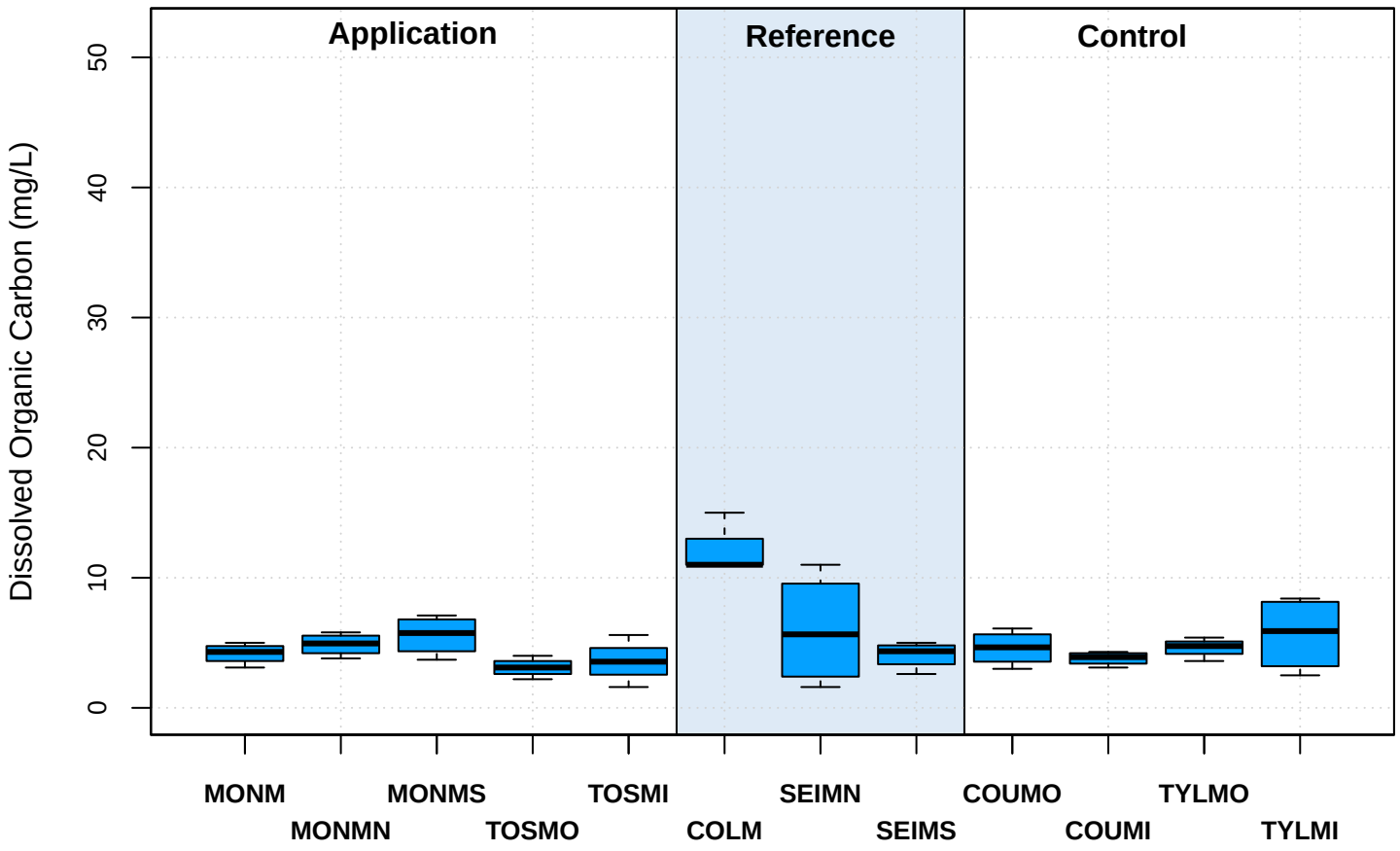
Base Flow



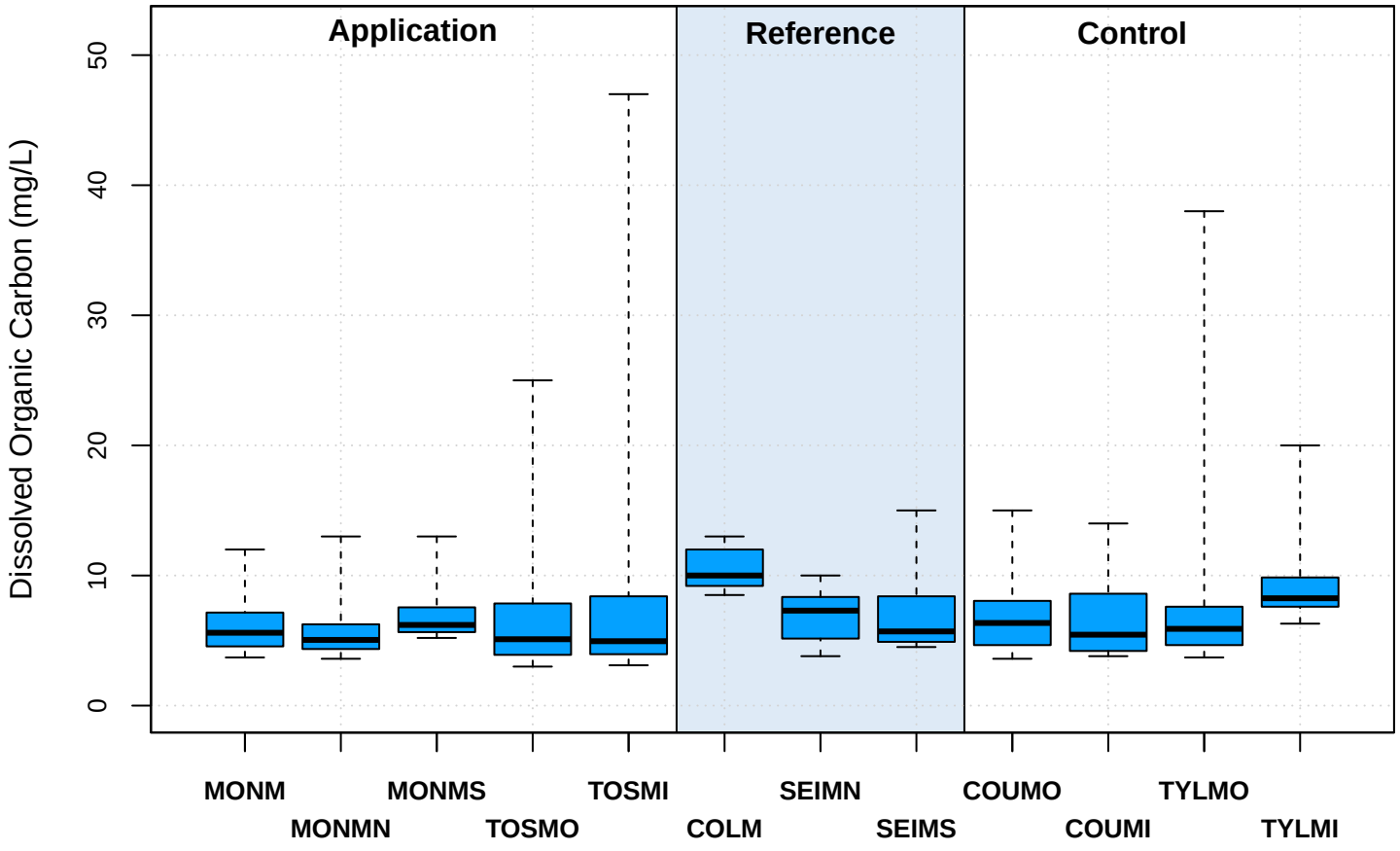
Storm Events



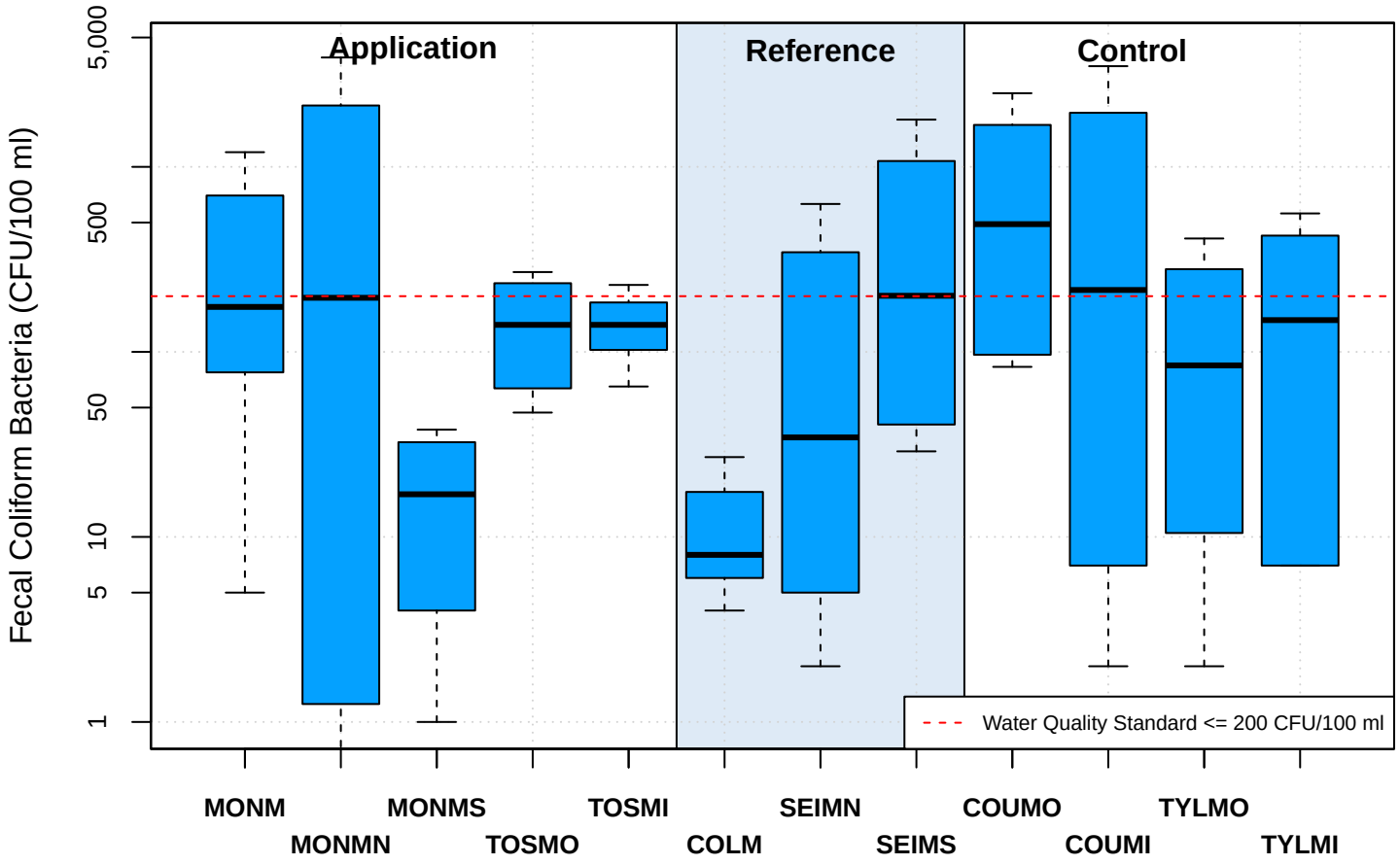
Base Flow



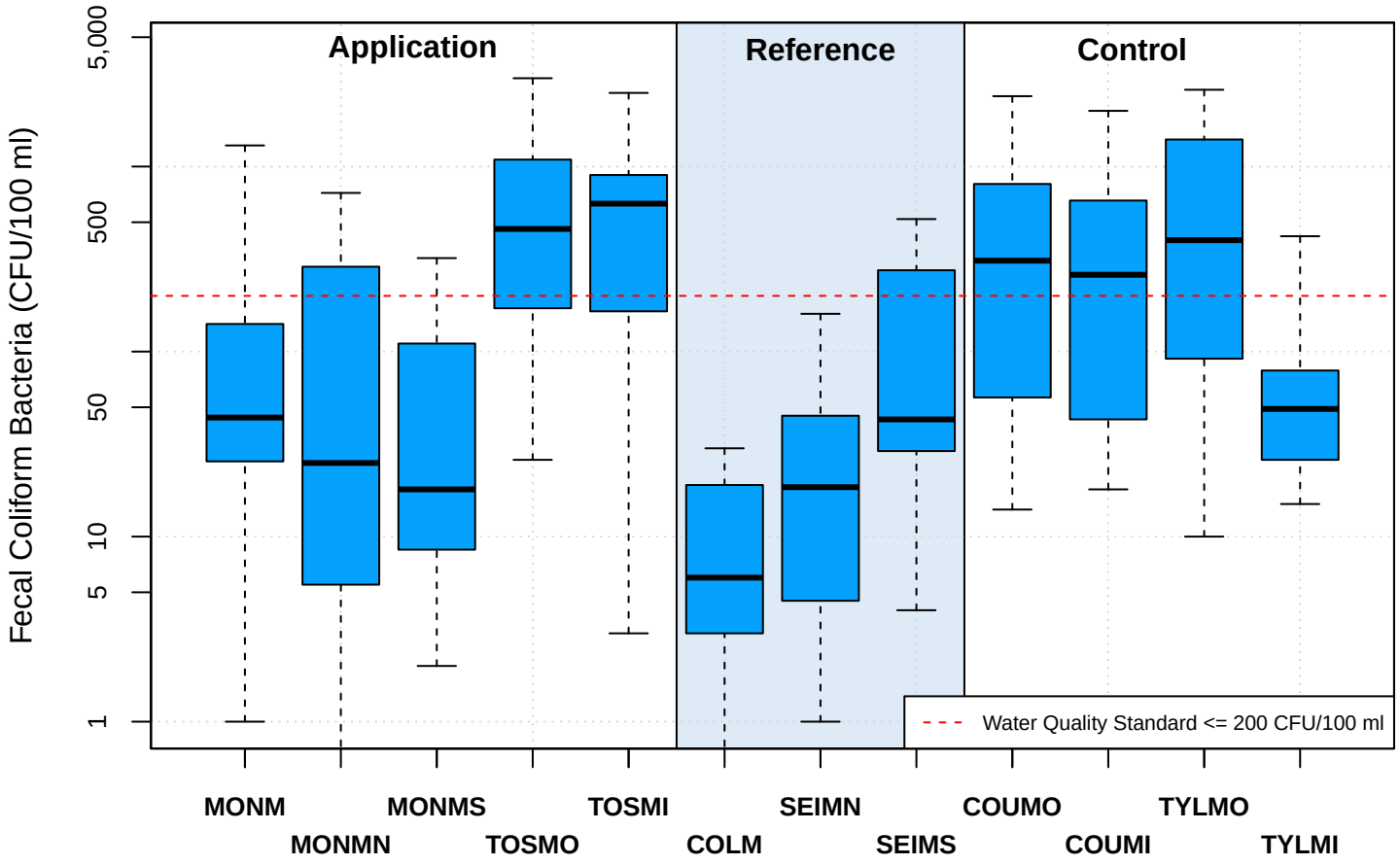
Storm Events



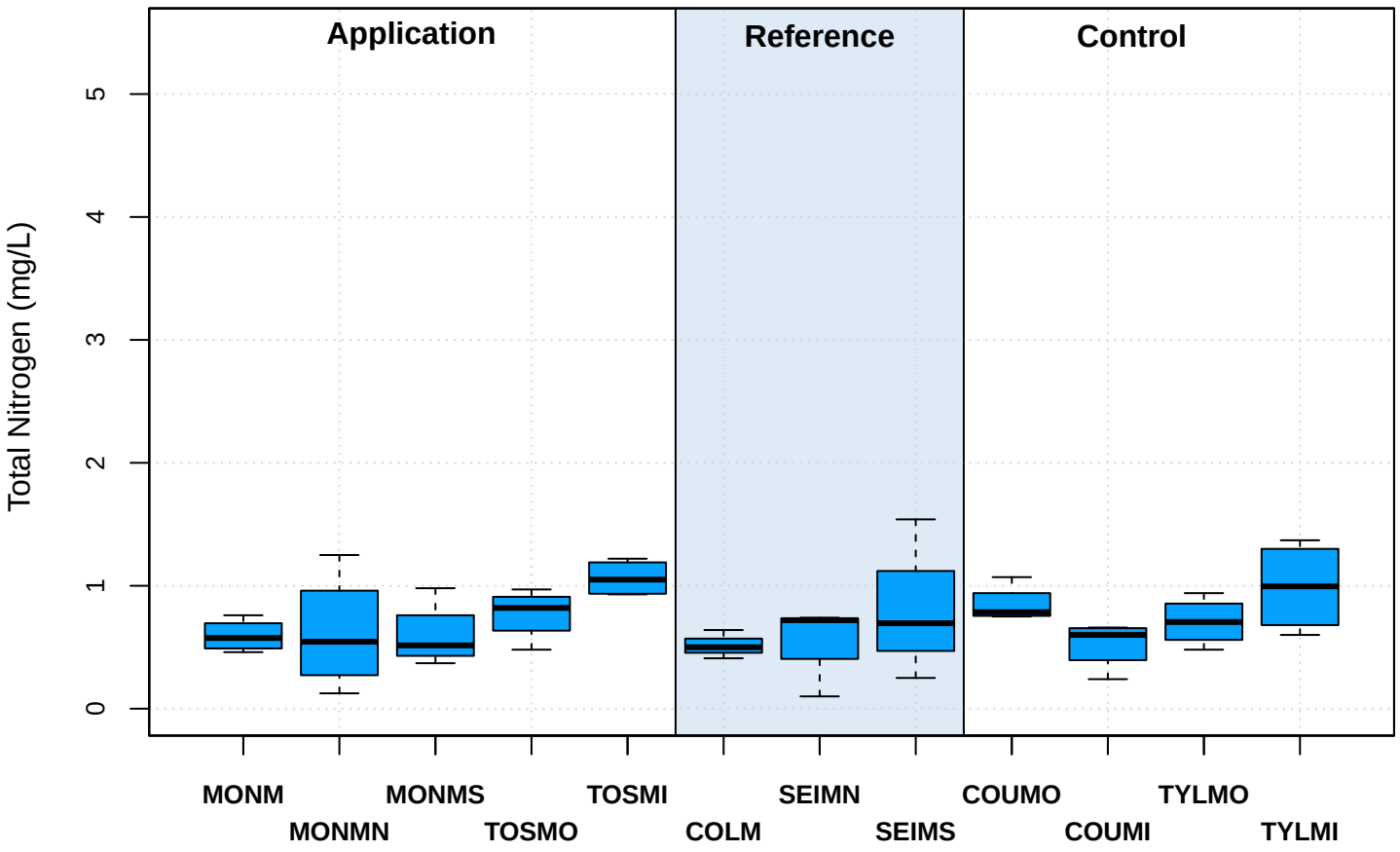
Base Flow



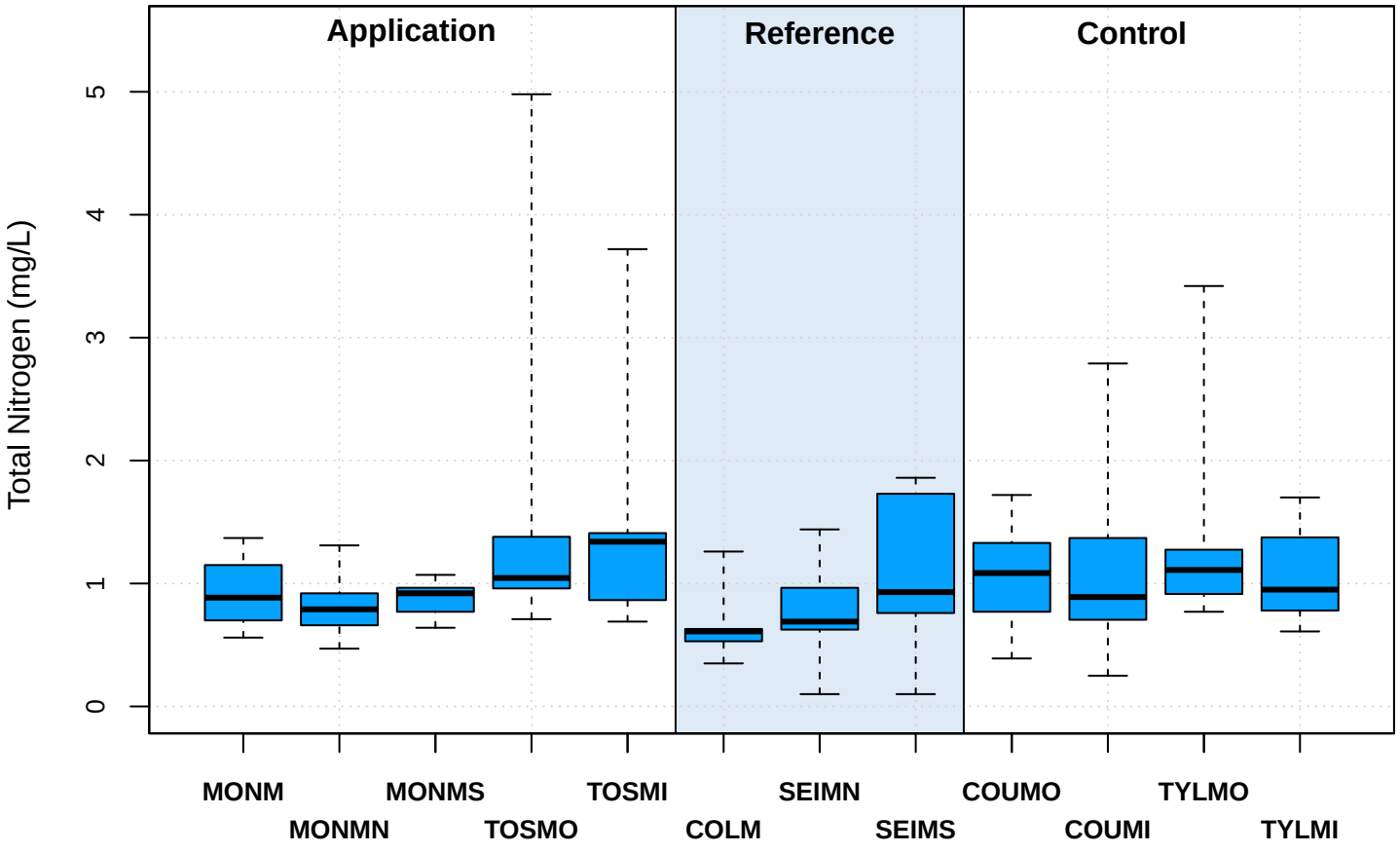
Storm Events

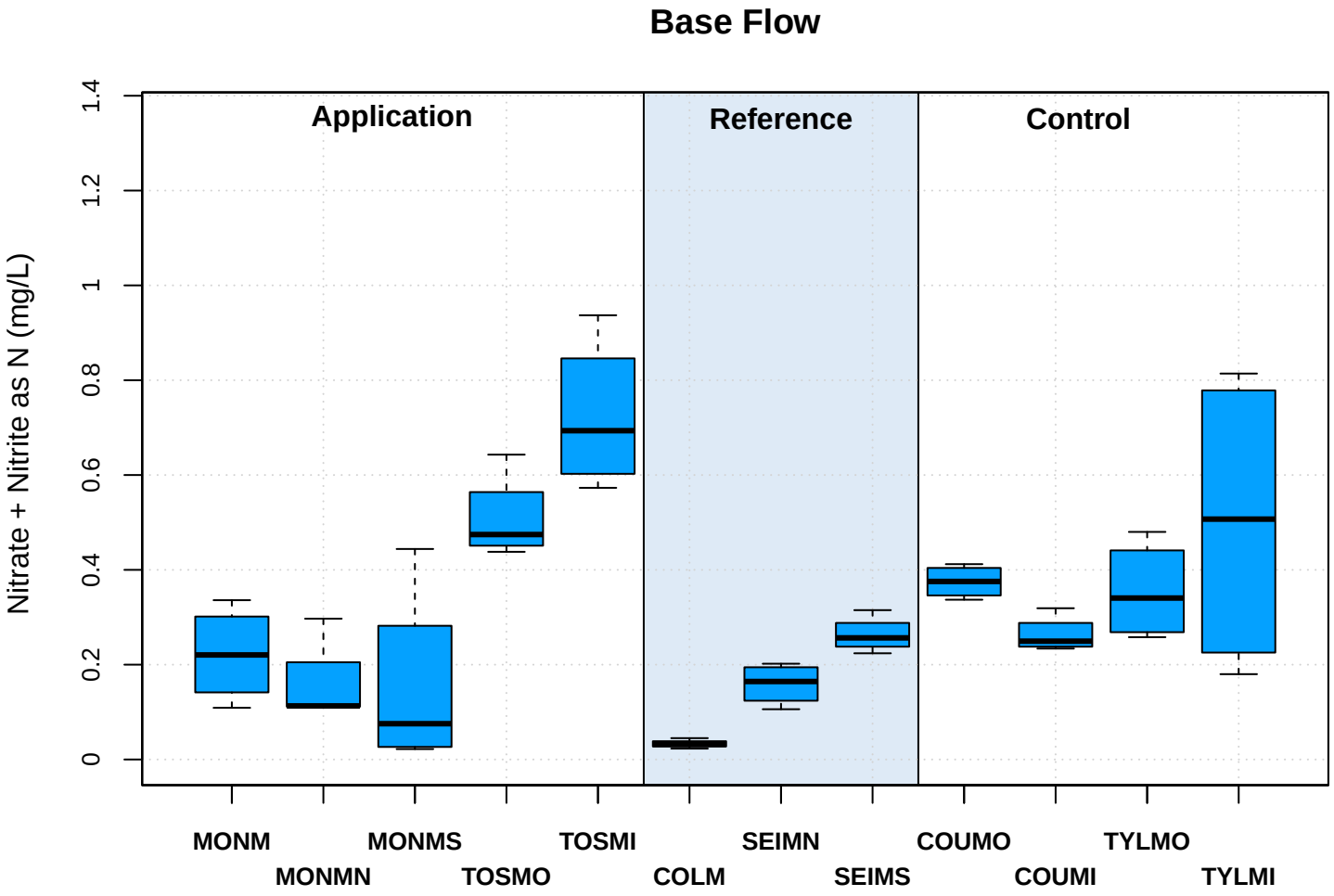


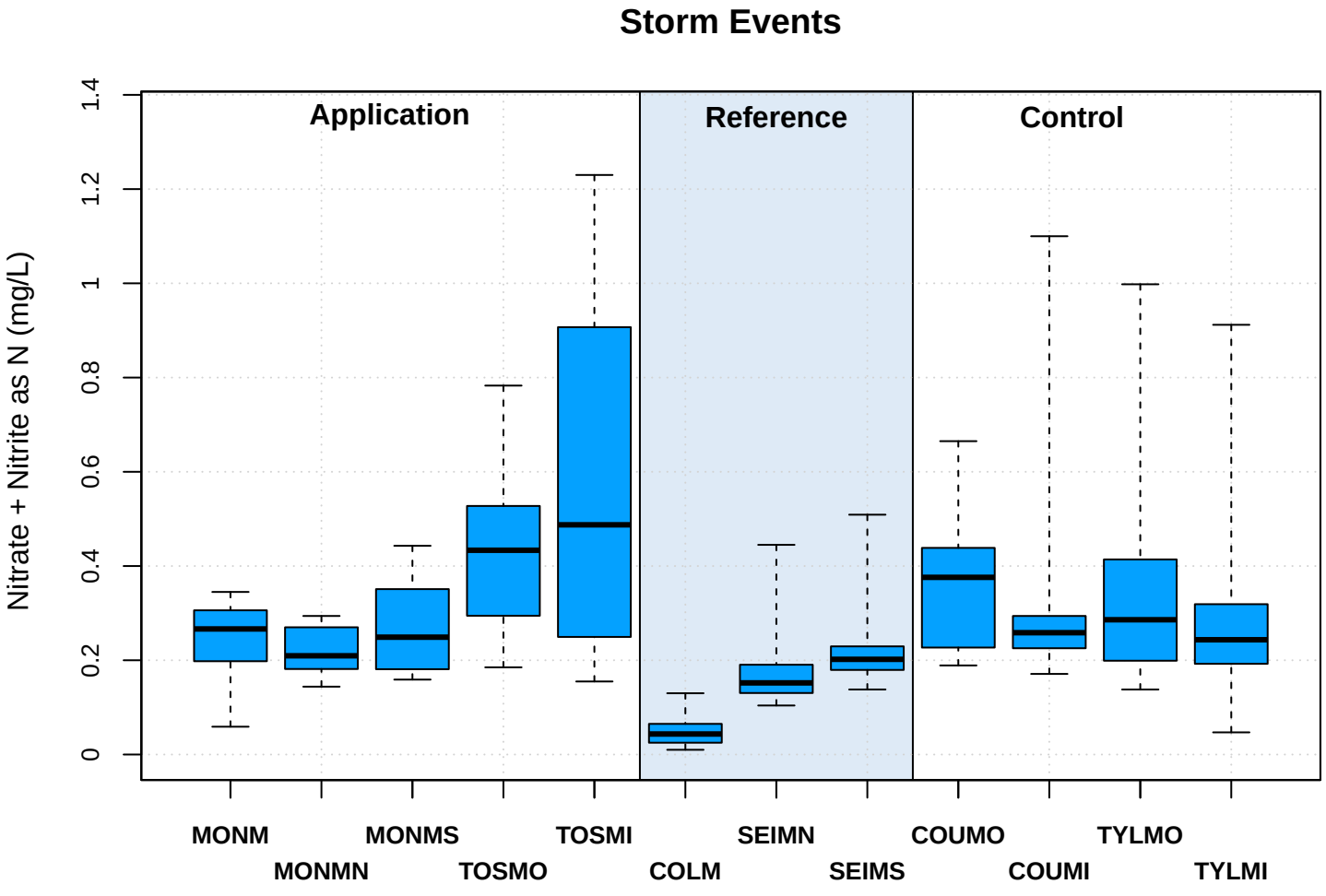
Base Flow



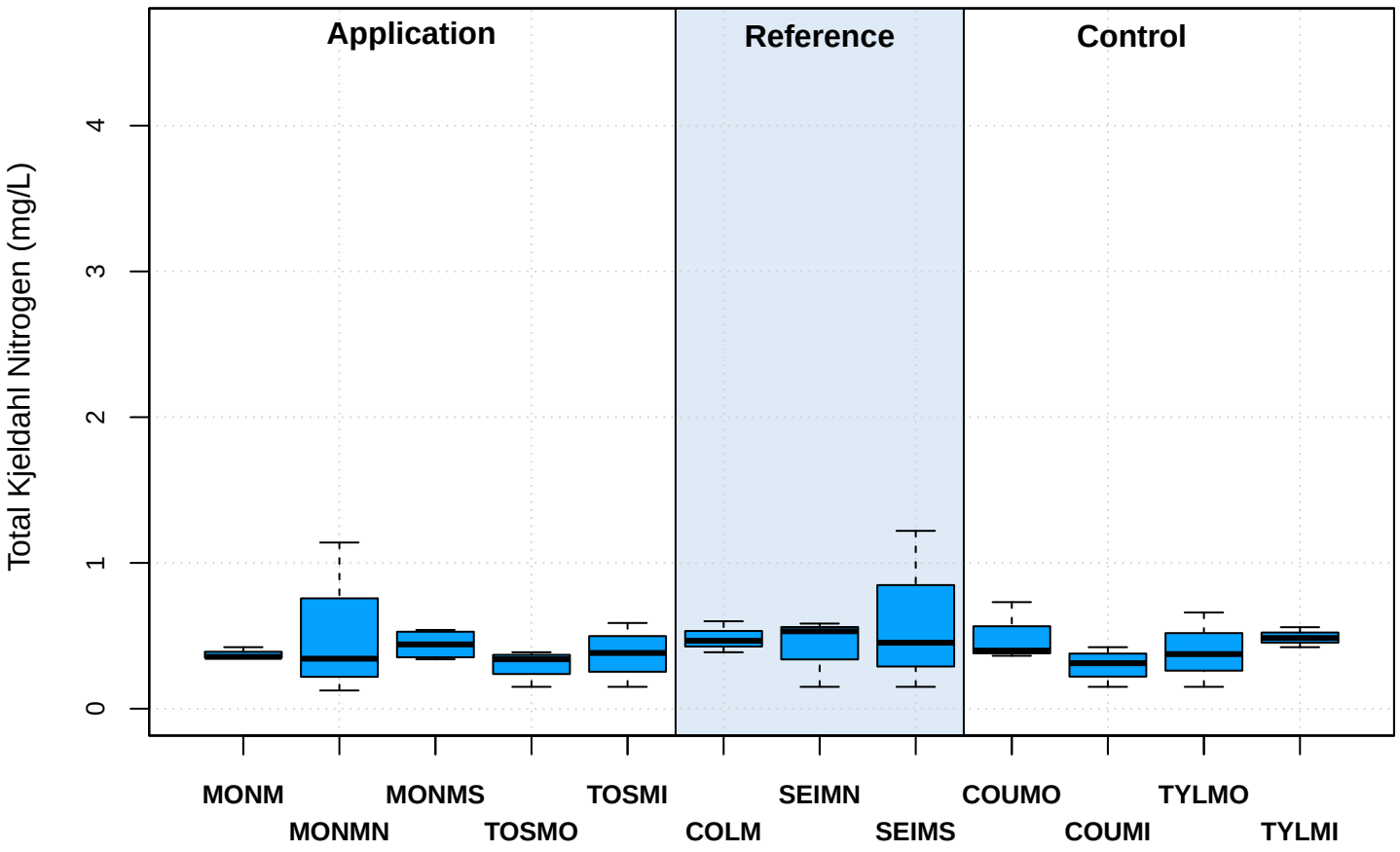
Storm Events



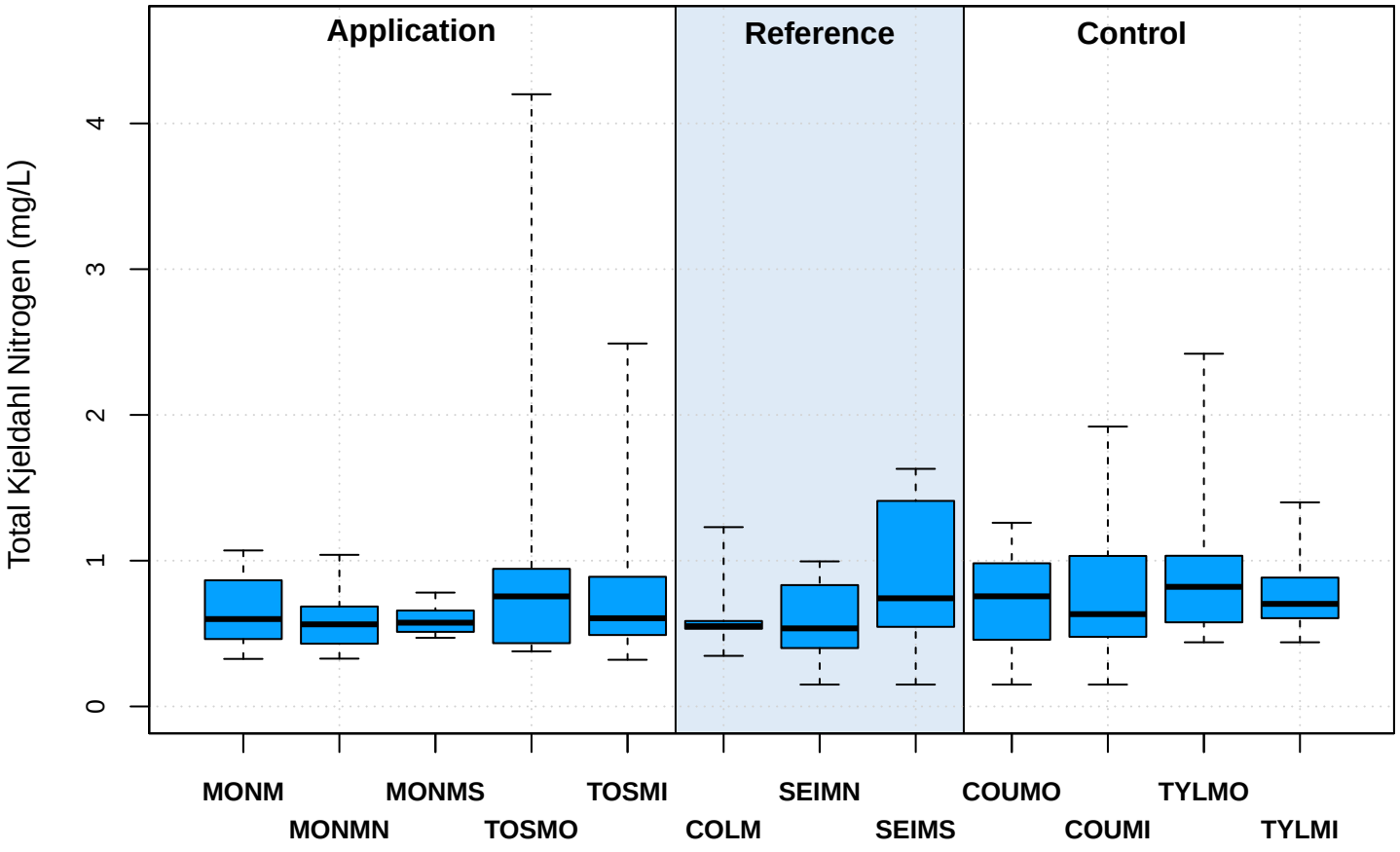

Base Flow
Application
Reference
Control
Nitrate + Nitrite as N (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI


Storm Events
Application
Reference
Control
Nitrate + Nitrite as N (mg/L)
0
0.2
0.4
0.6
0.8
1
1.2
1.4
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI

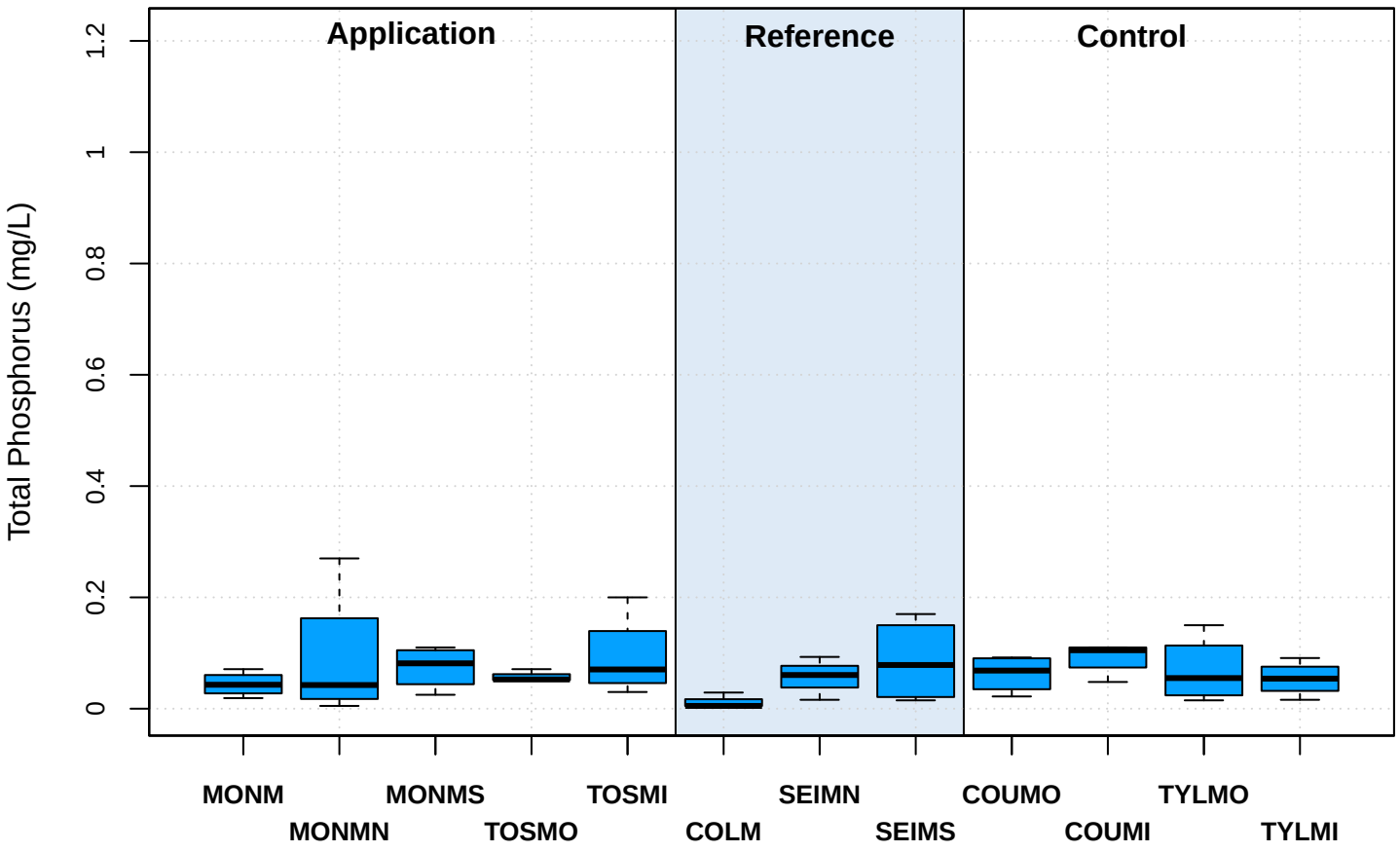
Base Flow



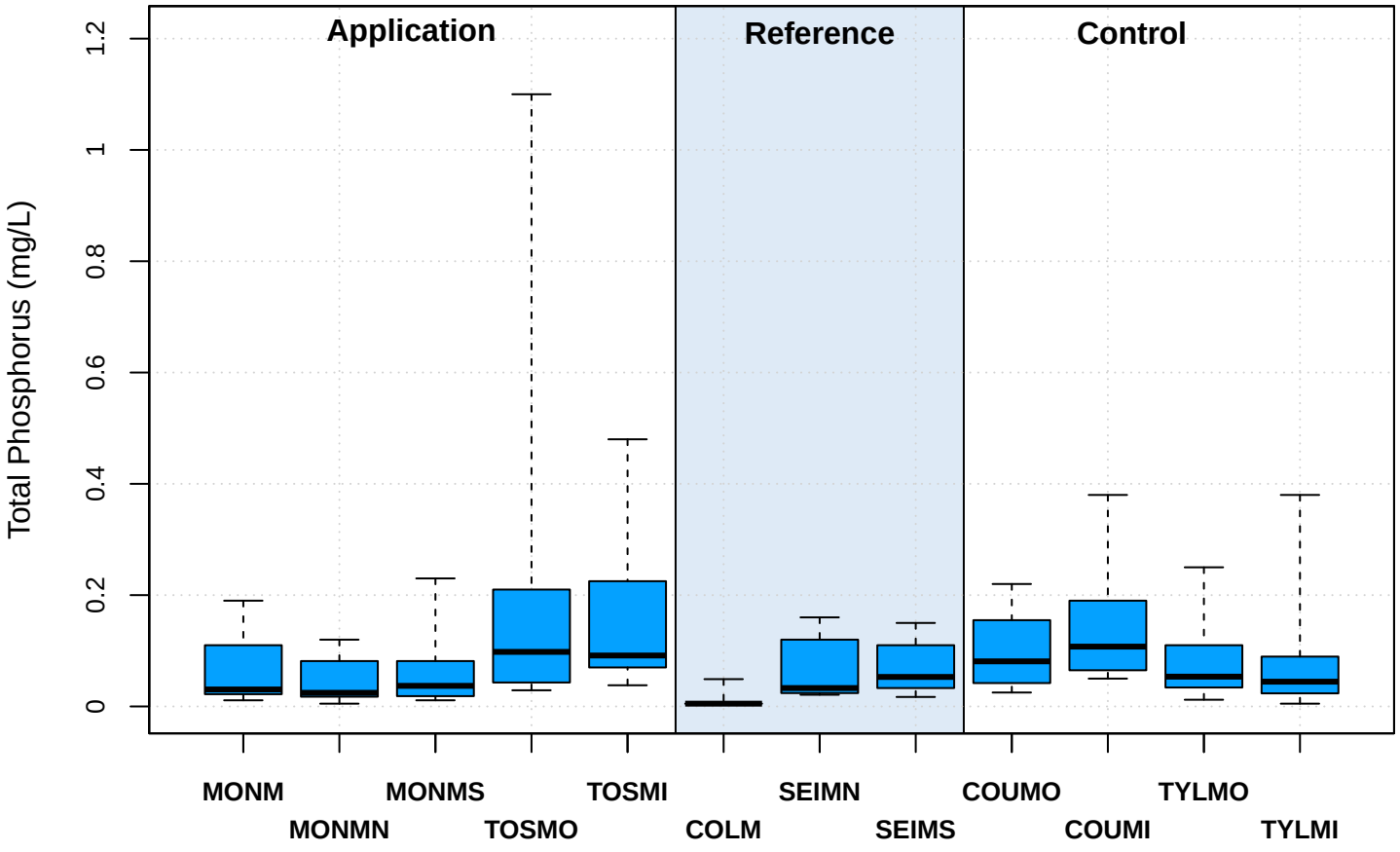
Storm Events

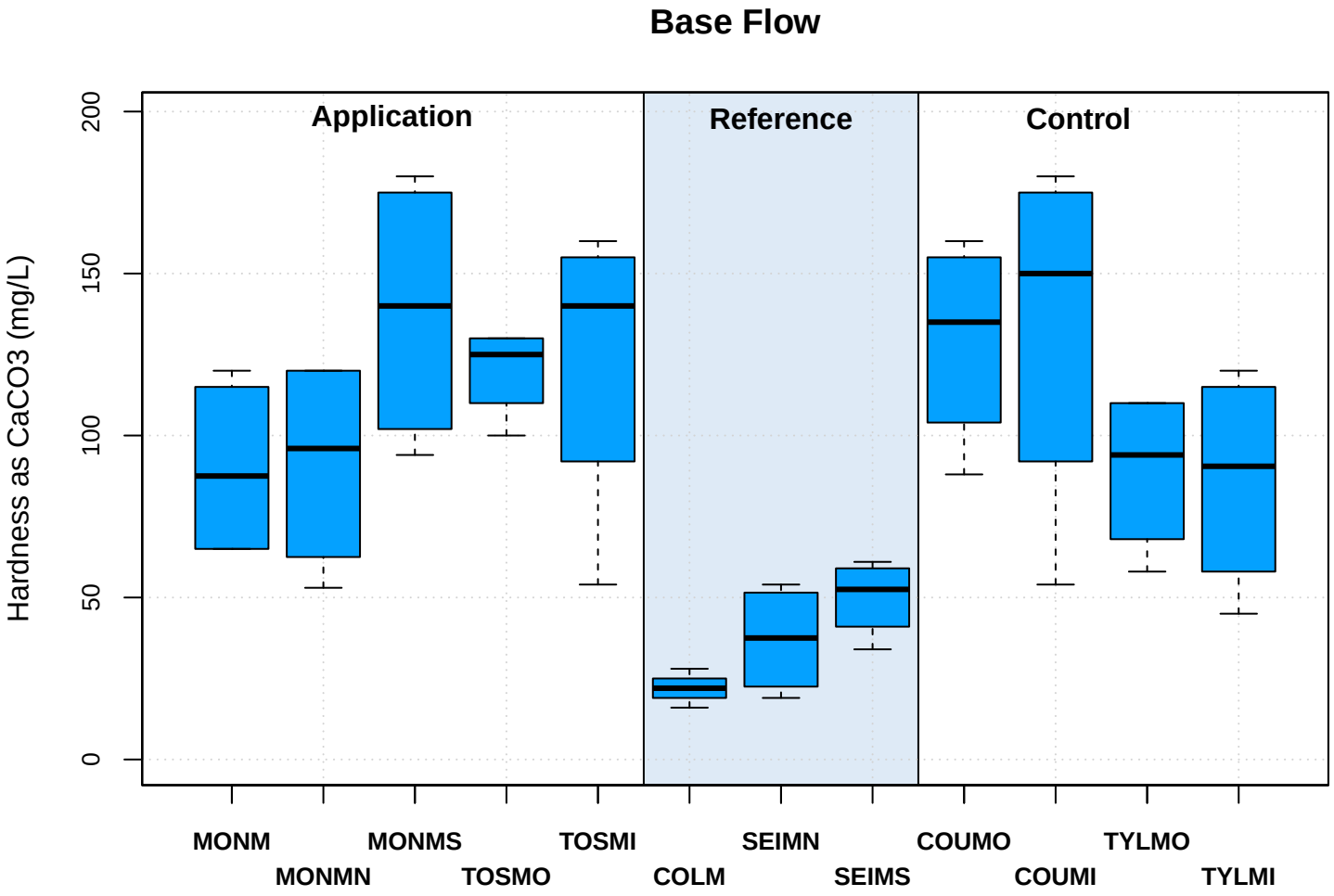


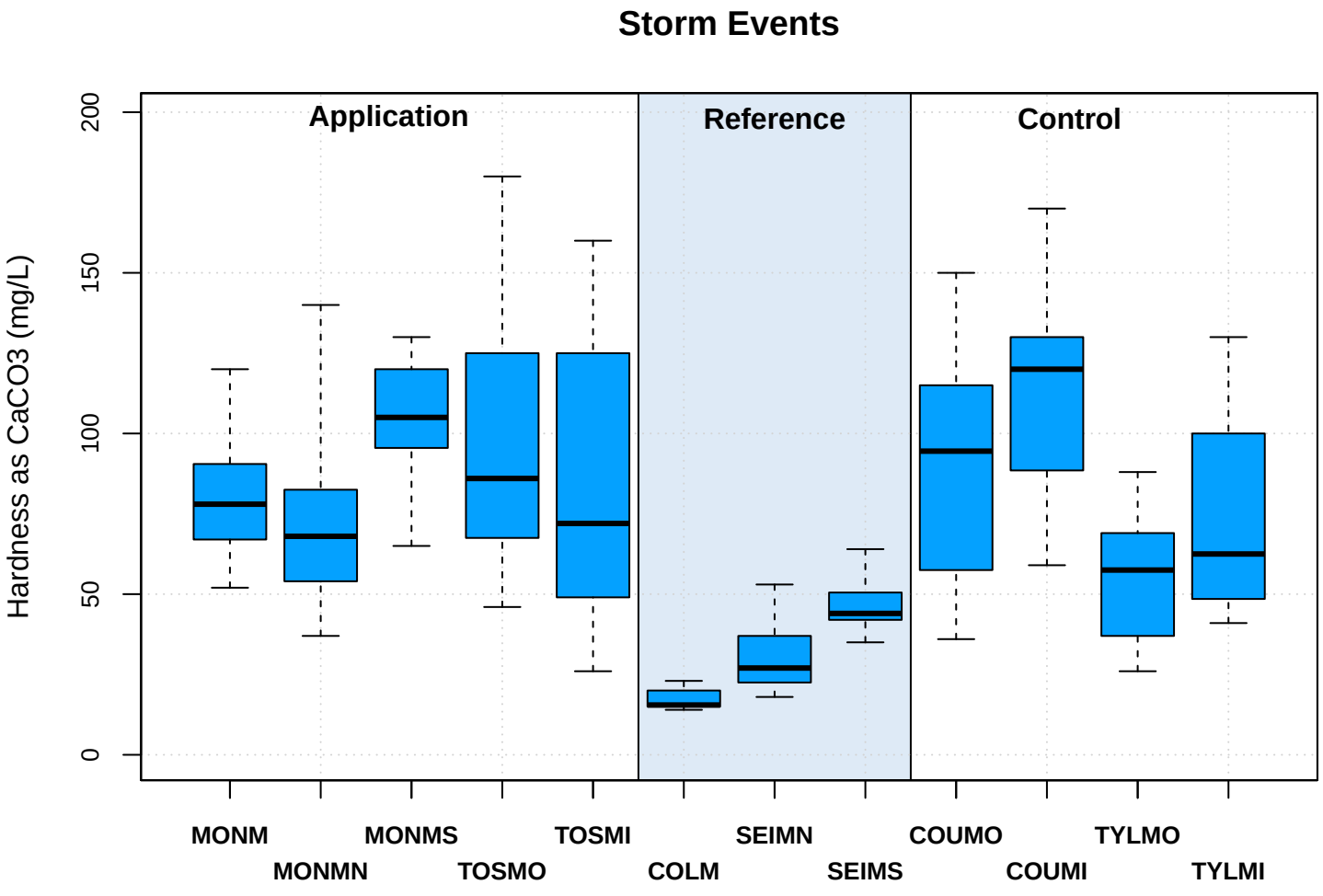
Base Flow



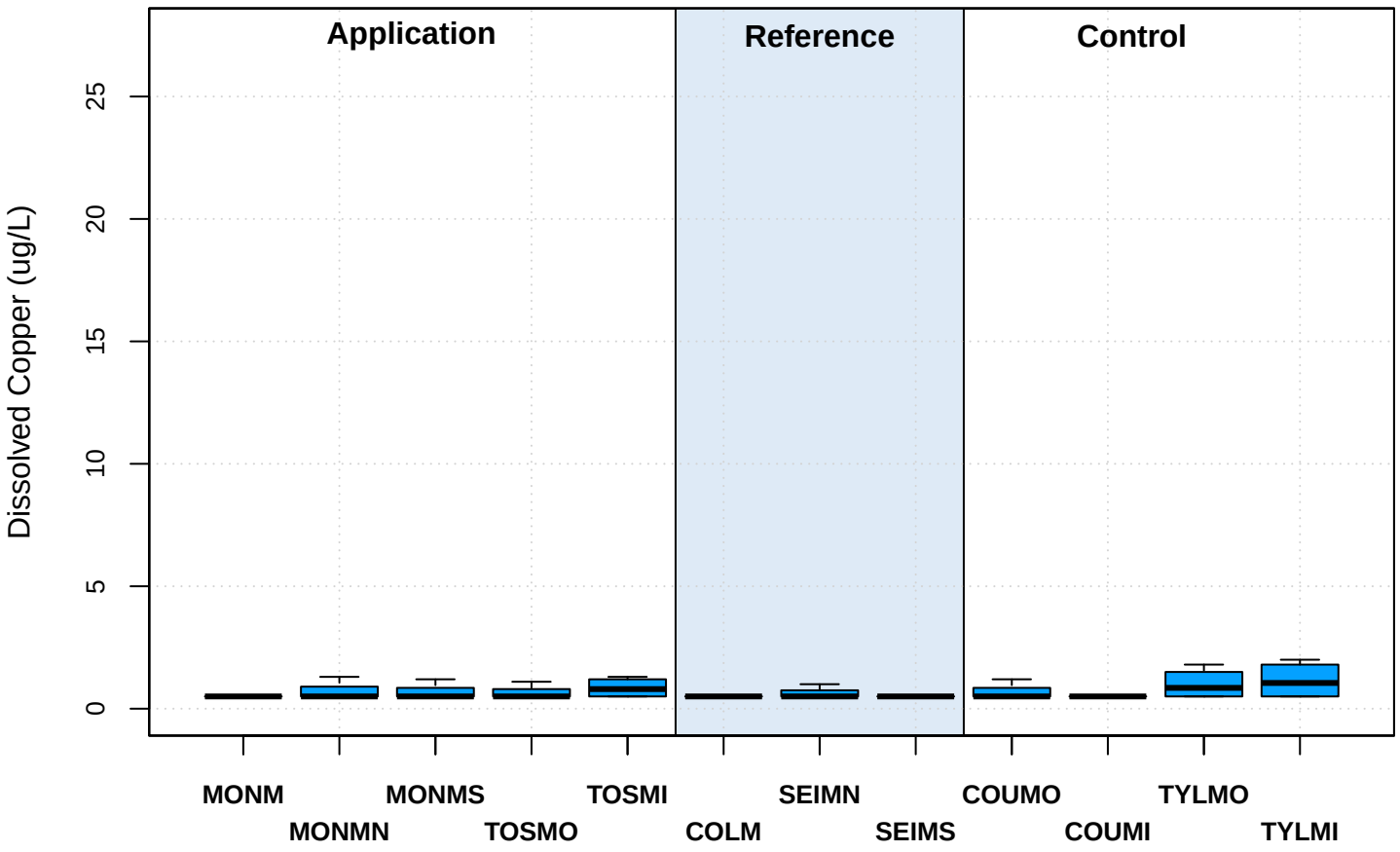
Storm Events



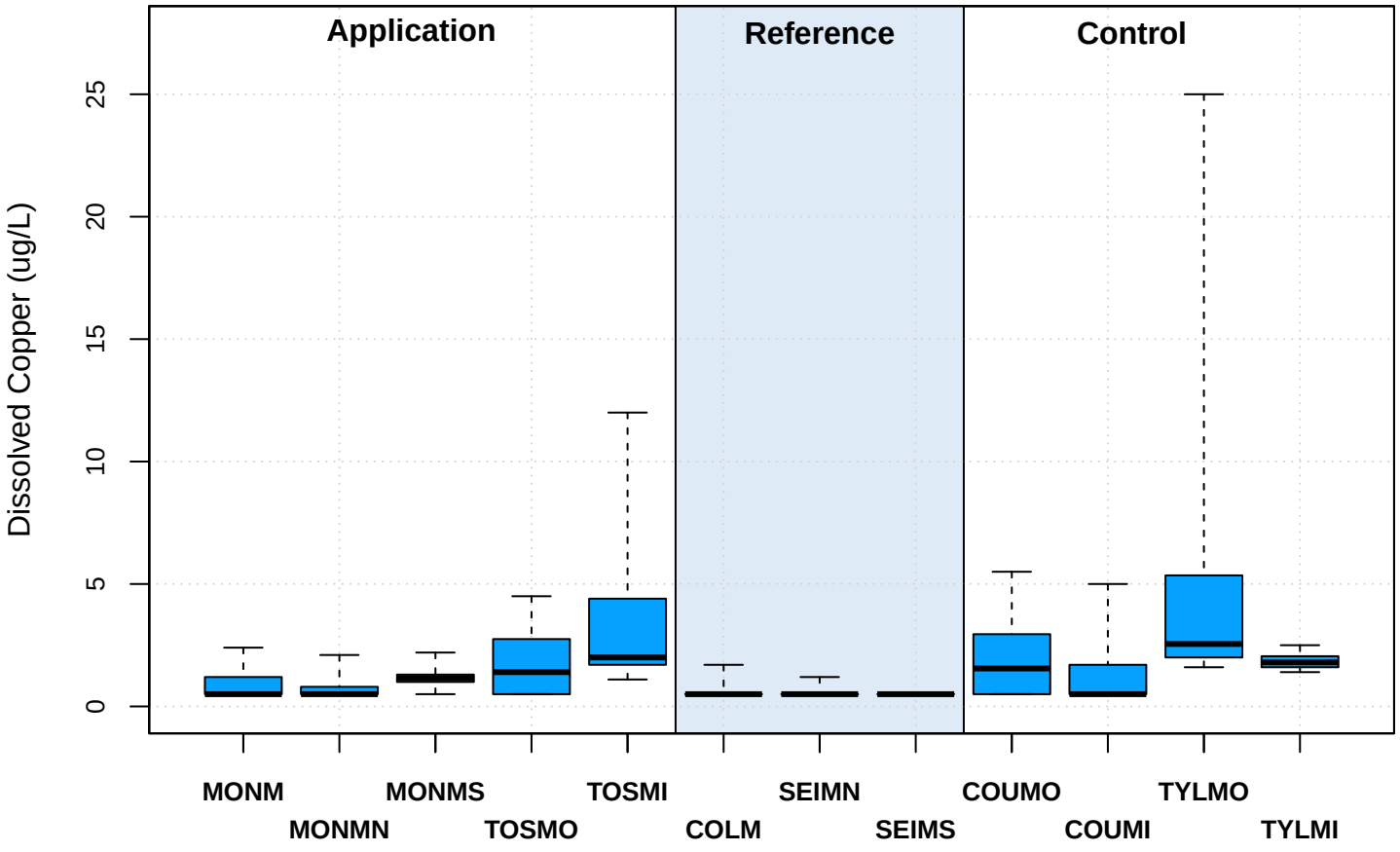

Base Flow
Application
Reference
Control
Hardness as CaCO3 (mg/L)
0
50
100
150
200
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI


Storm Events
Application
Reference
Control
Hardness as CaCO3 (mg/L)
0
50
100
150
200
MONM
MONMN
MONMS
TOSMO
TOSMI
COLM
SEIMN
SEIMS
COUMO
COUMI
TYLMO
TYLMI

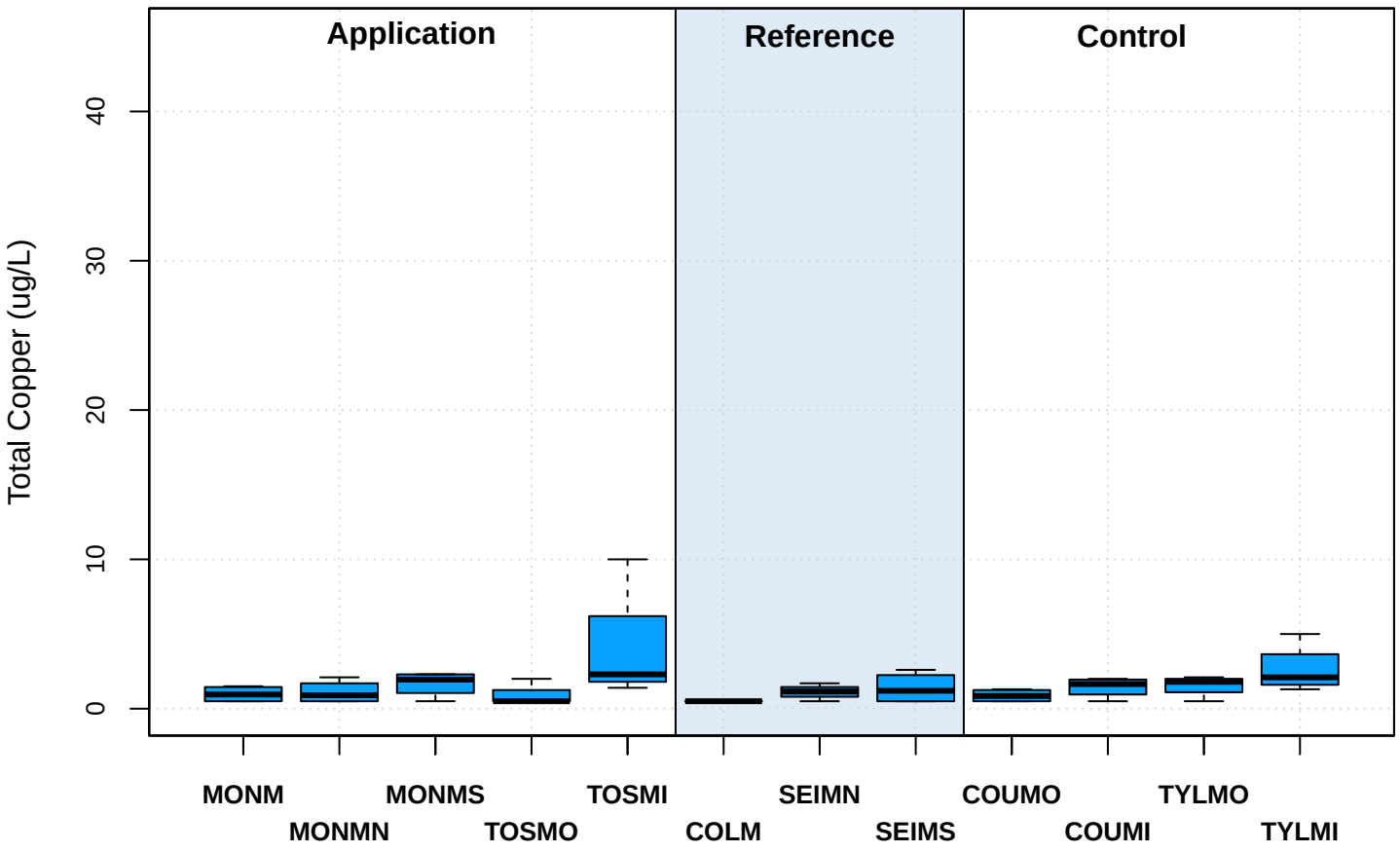
Base Flow



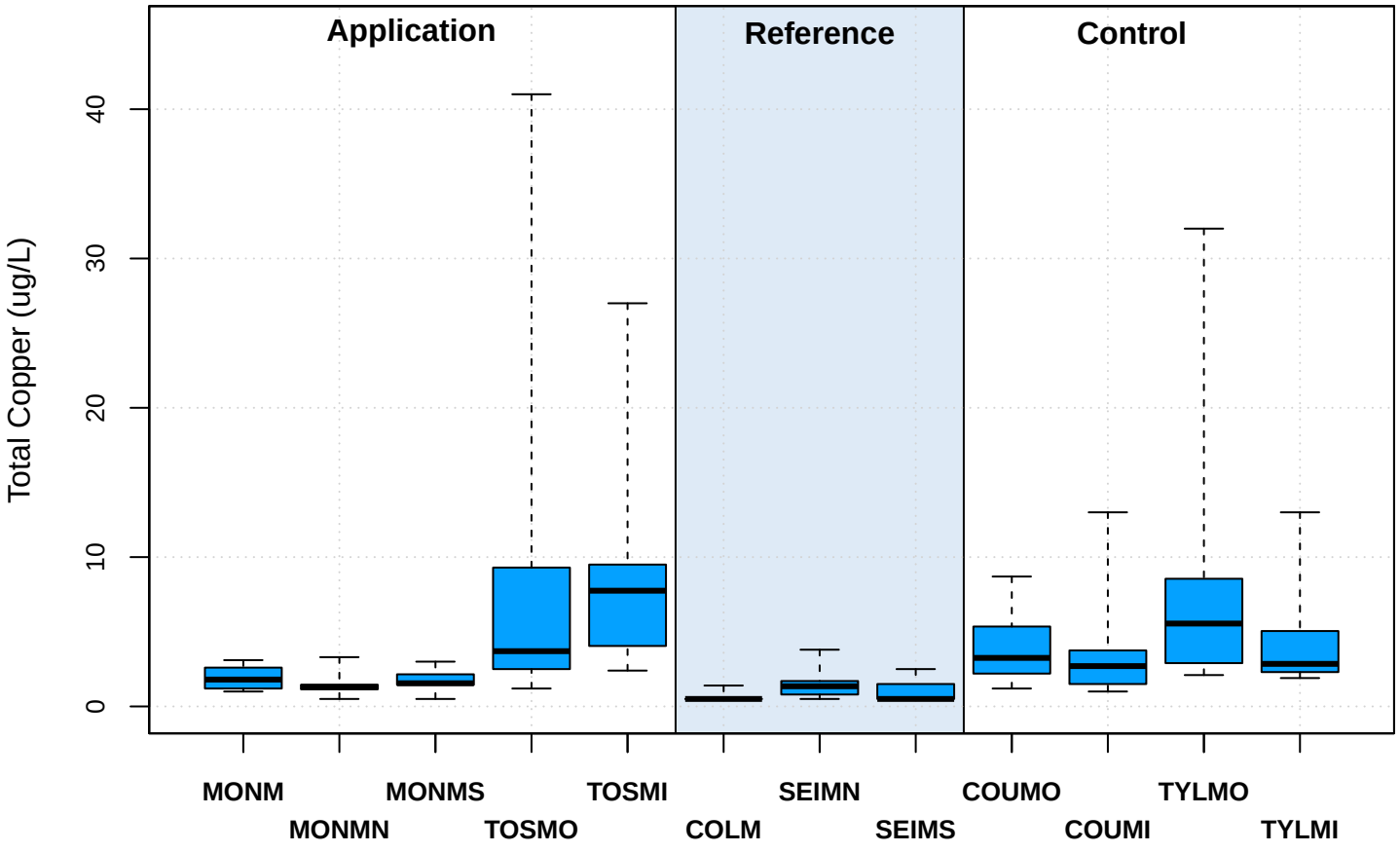
Storm Events



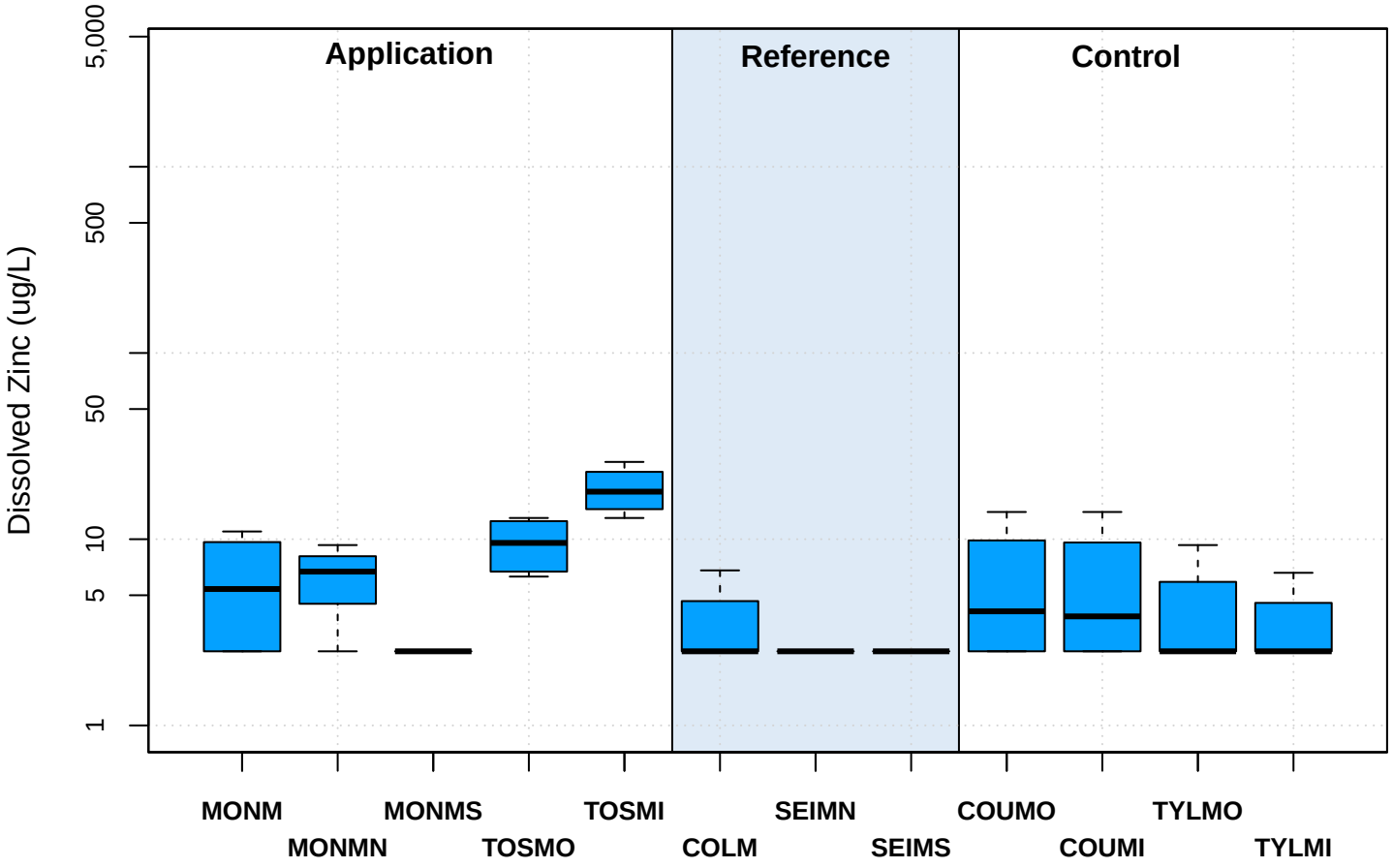
Base Flow



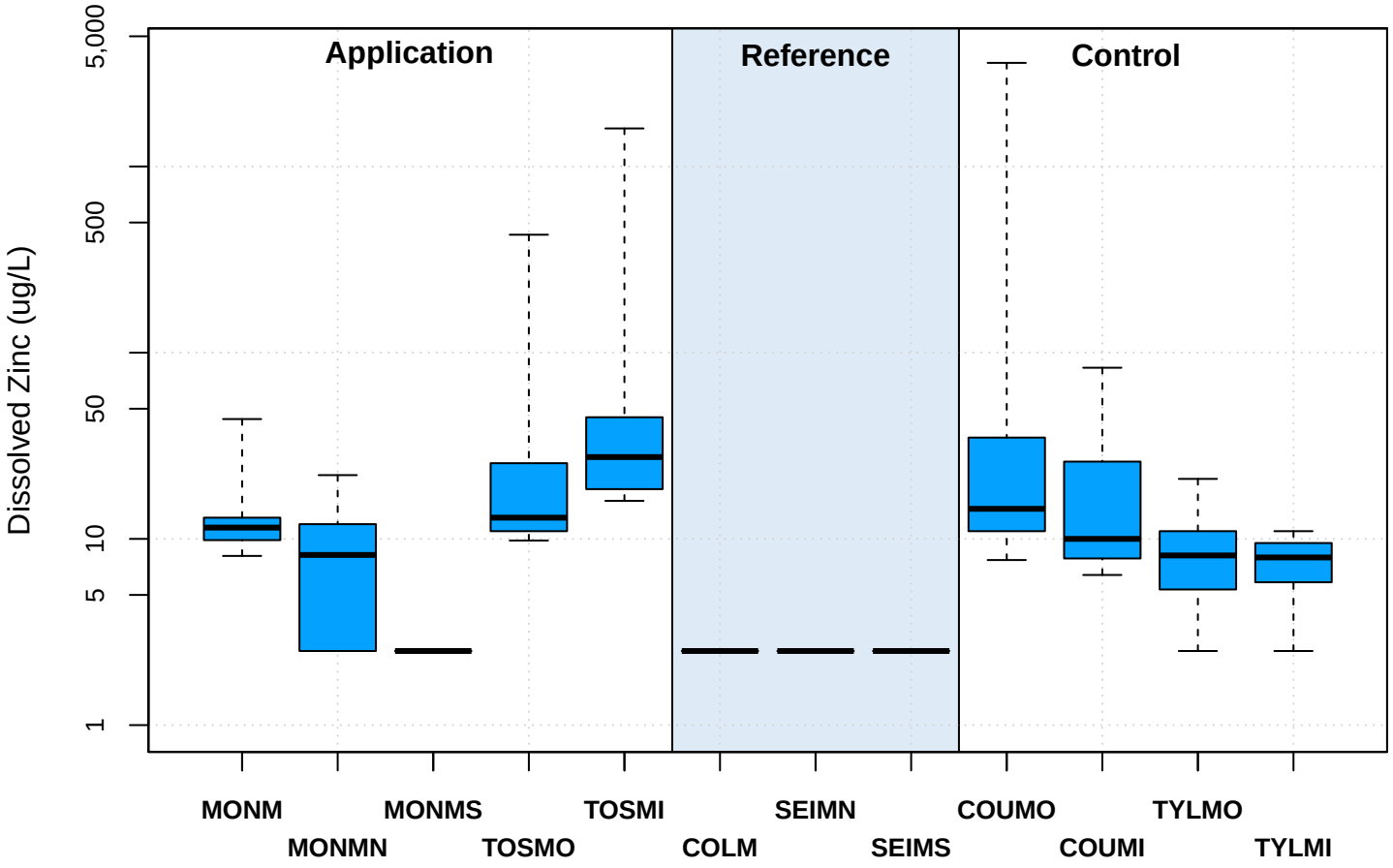
Storm Events



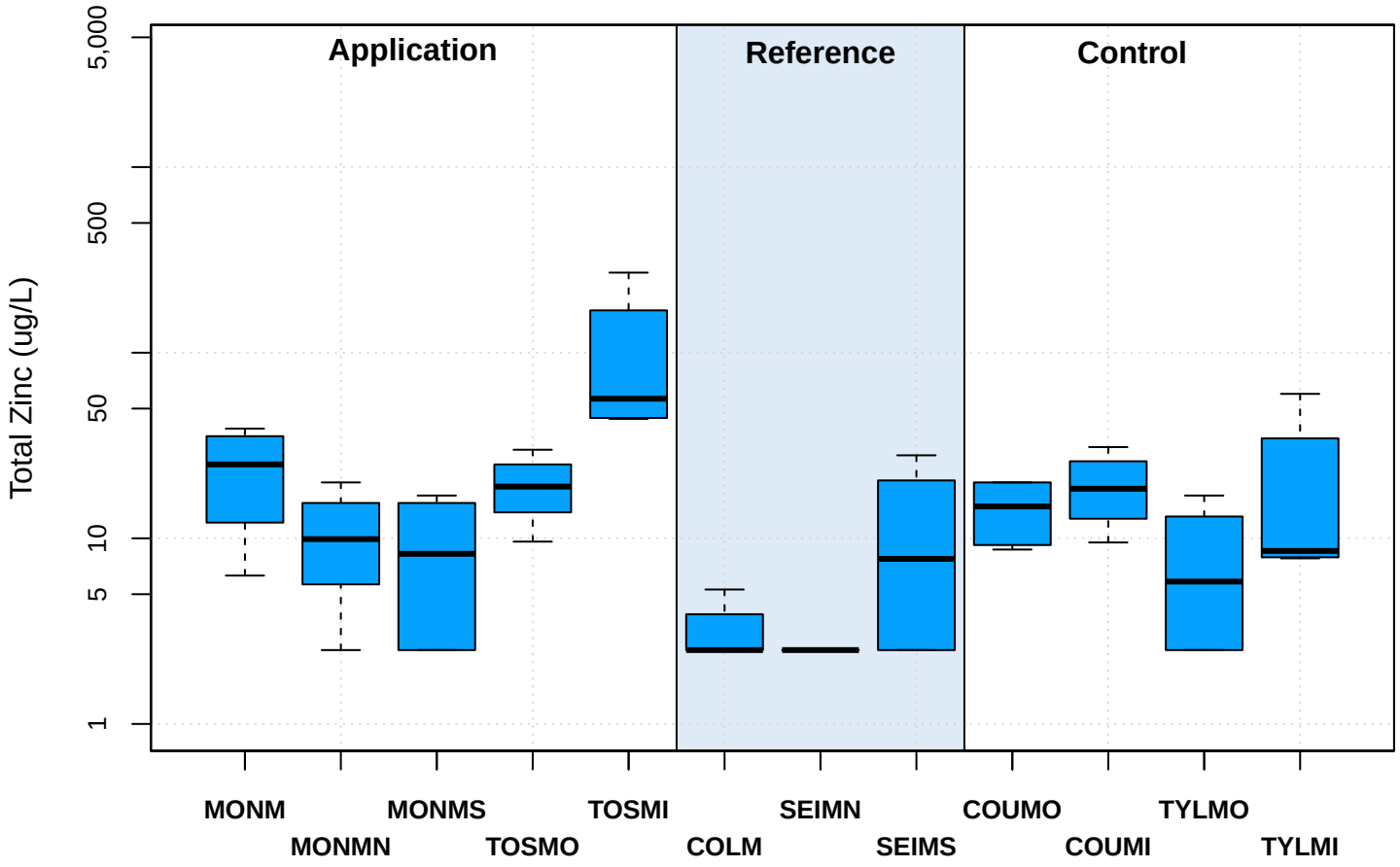
Base Flow



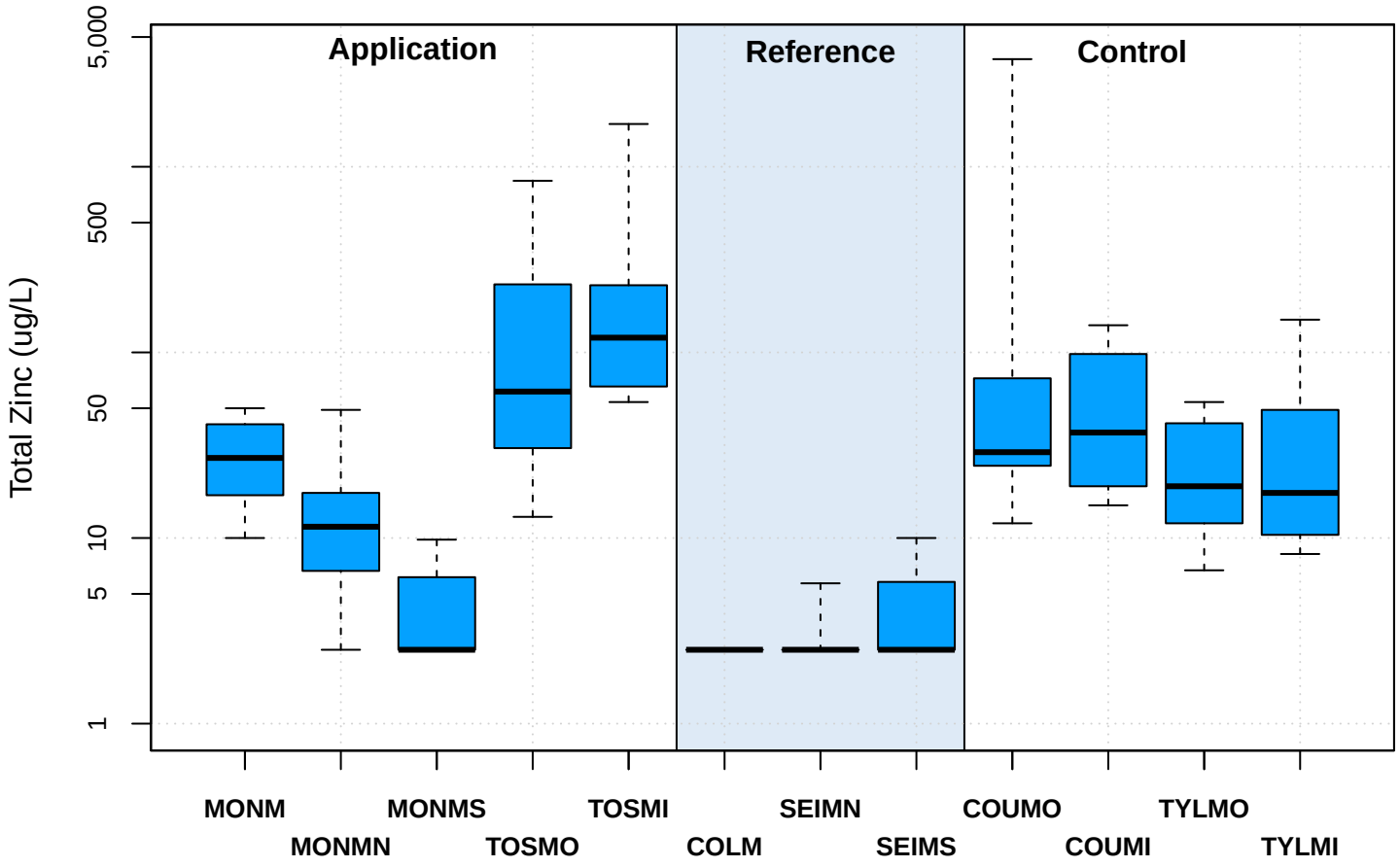
Storm Events



Base Flow



Storm Events



Appendix J

Line Plots Showing Continuous Temperature Data

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Figure J-1. Continuous Temperature and 7-DADMAX Measured at the MONM Station.

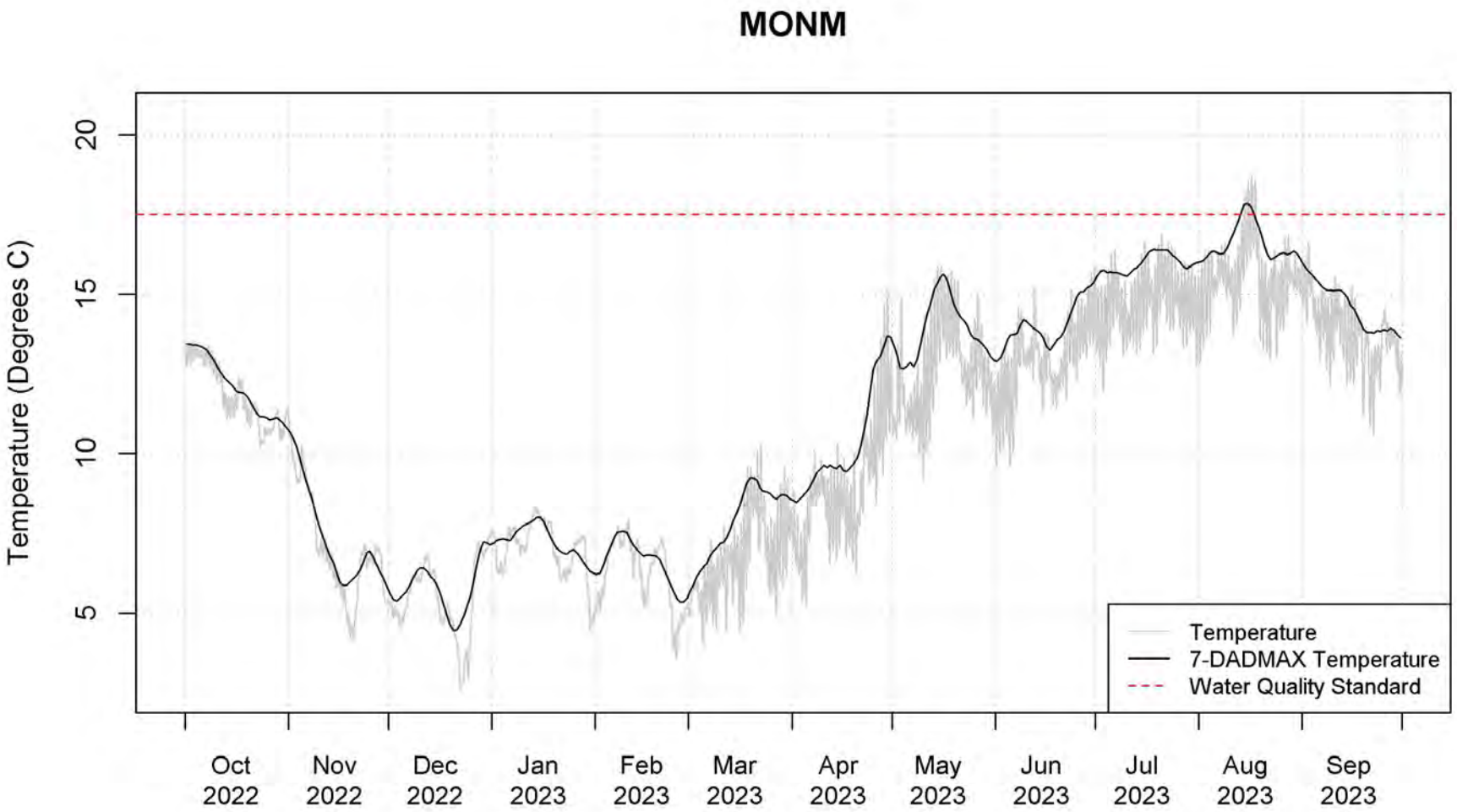


Figure J-2. Continuous Temperature and 7-DADMAX Measured at the MONMN Station.

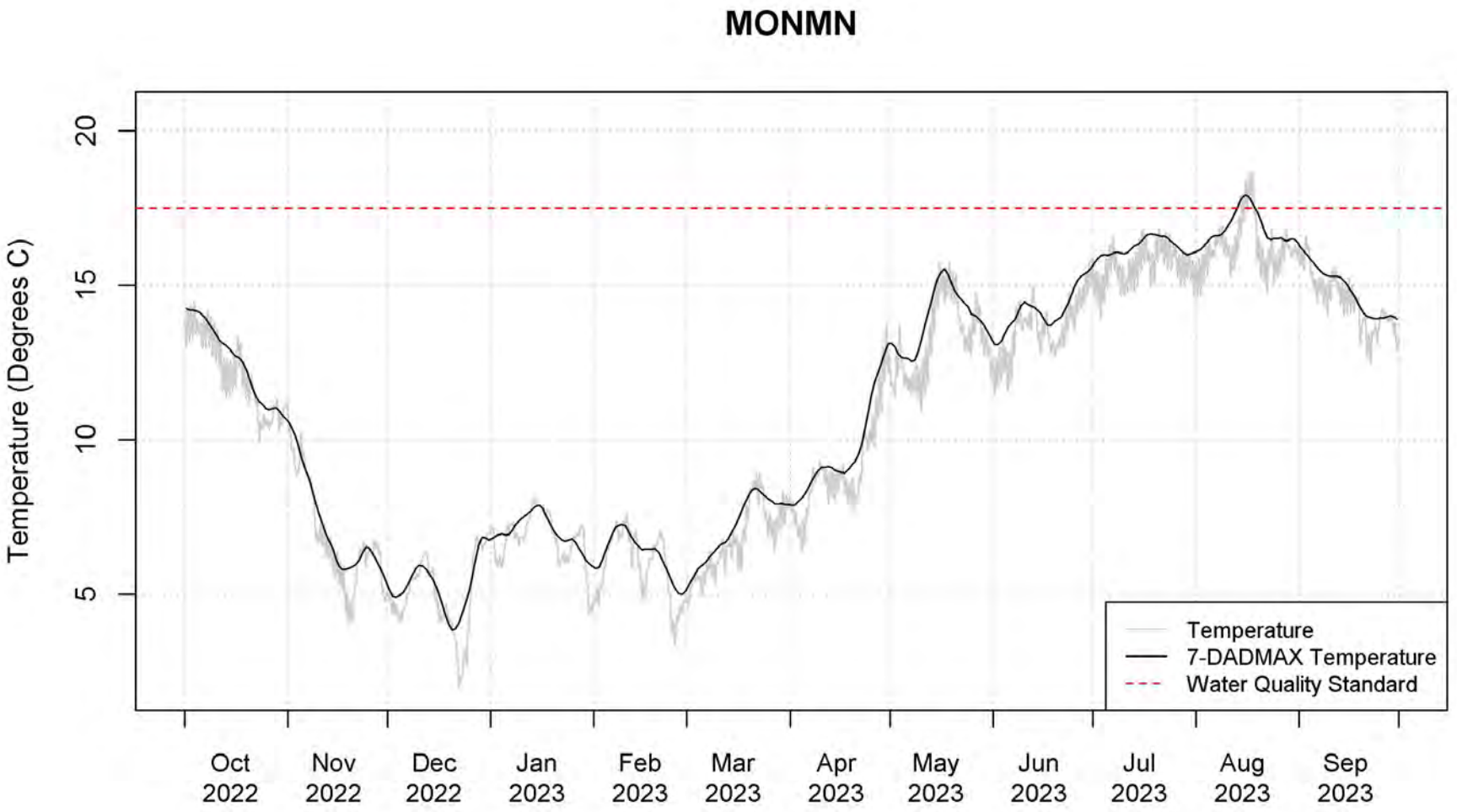


Figure J-3. Continuous Temperature and 7-DADMAX Measured at the MONMS Station.

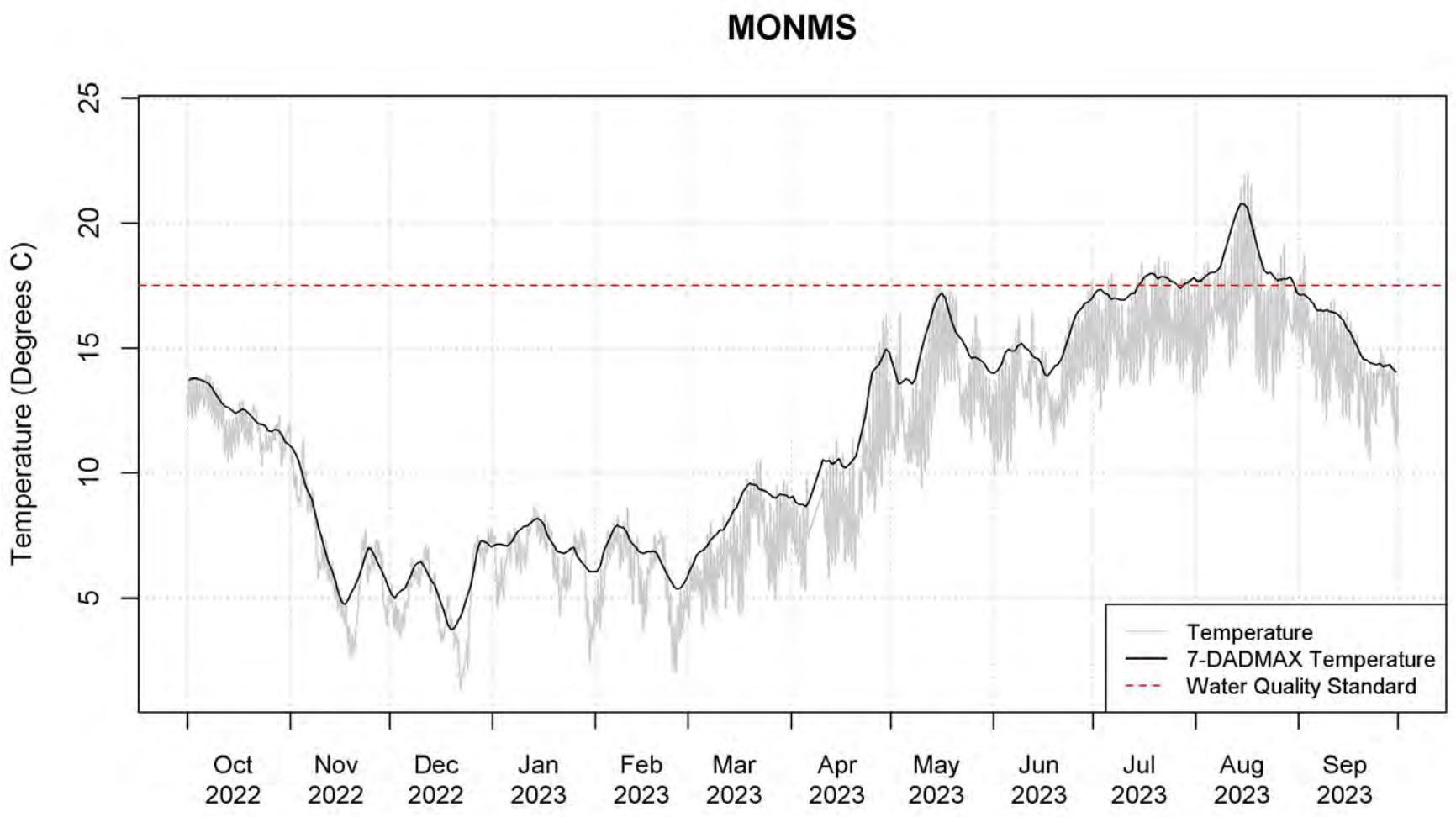


Figure J-4. Continuous Temperature and 7-DADMAX Measured at the TOSMO Station.

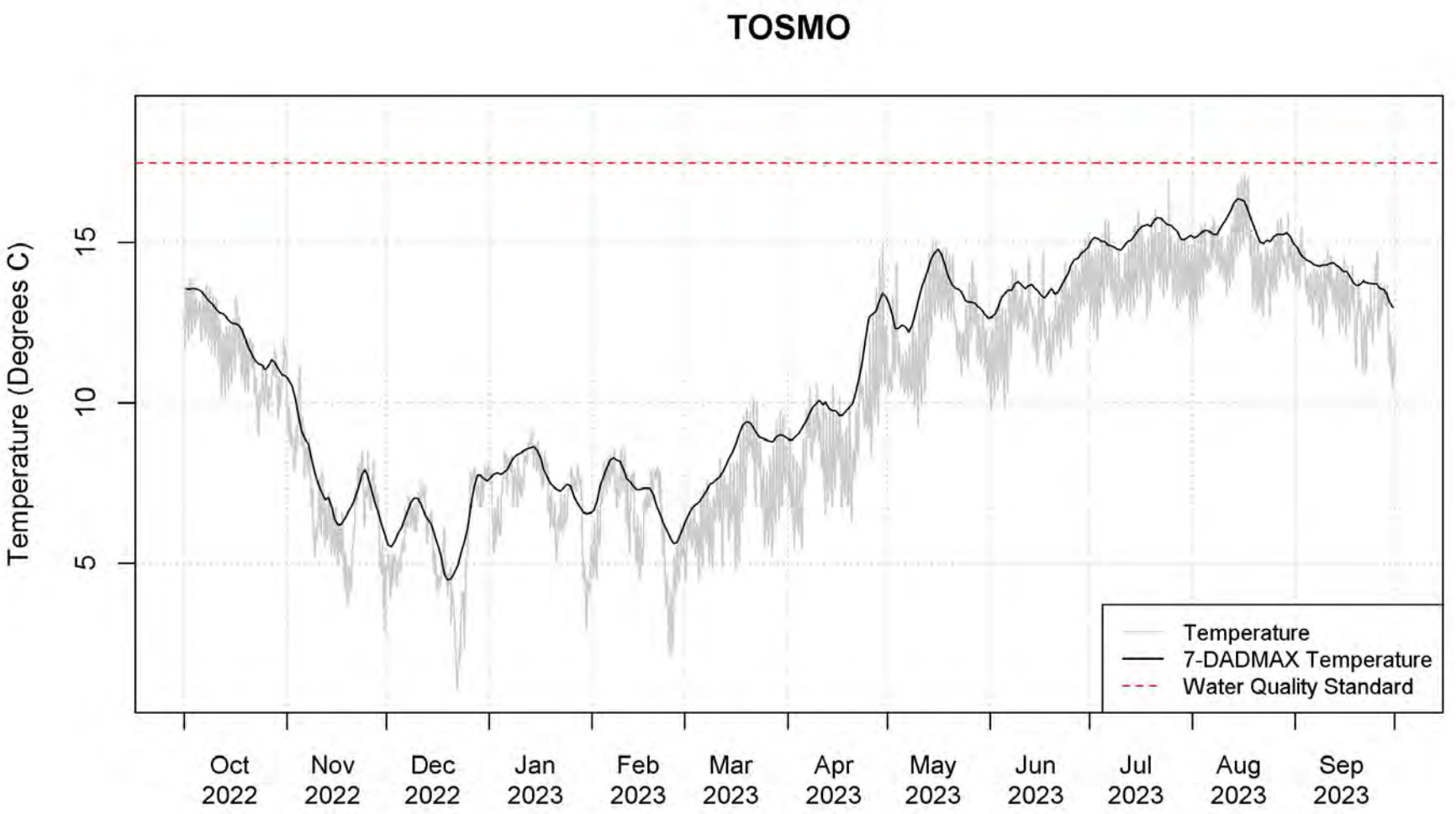


Figure J-5. Continuous Temperature and 7-DADMAX Measured at the TOSMI Station.

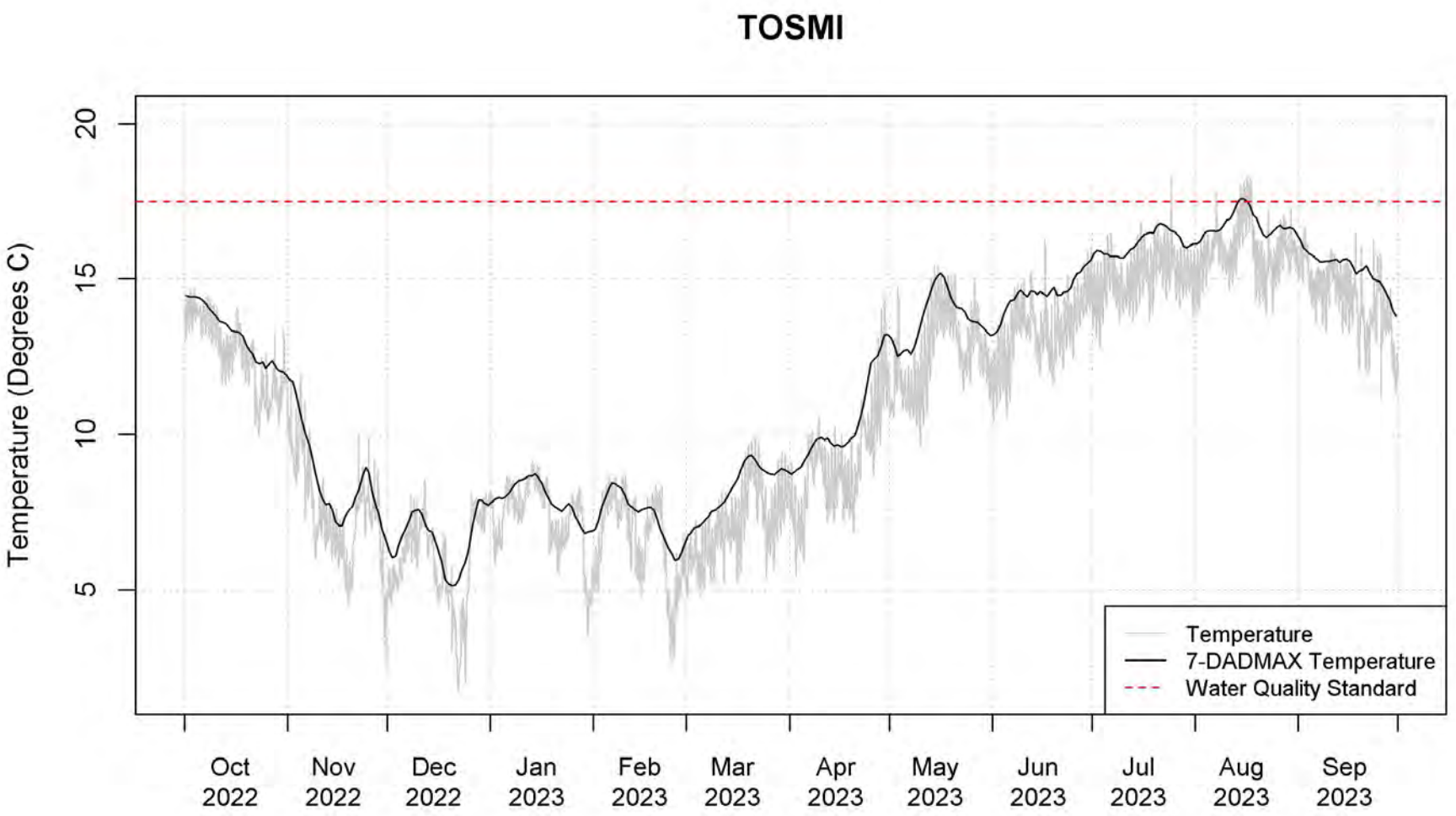


Figure J-6. Continuous Temperature and 7-DADMAX Measured at the COLM Station.

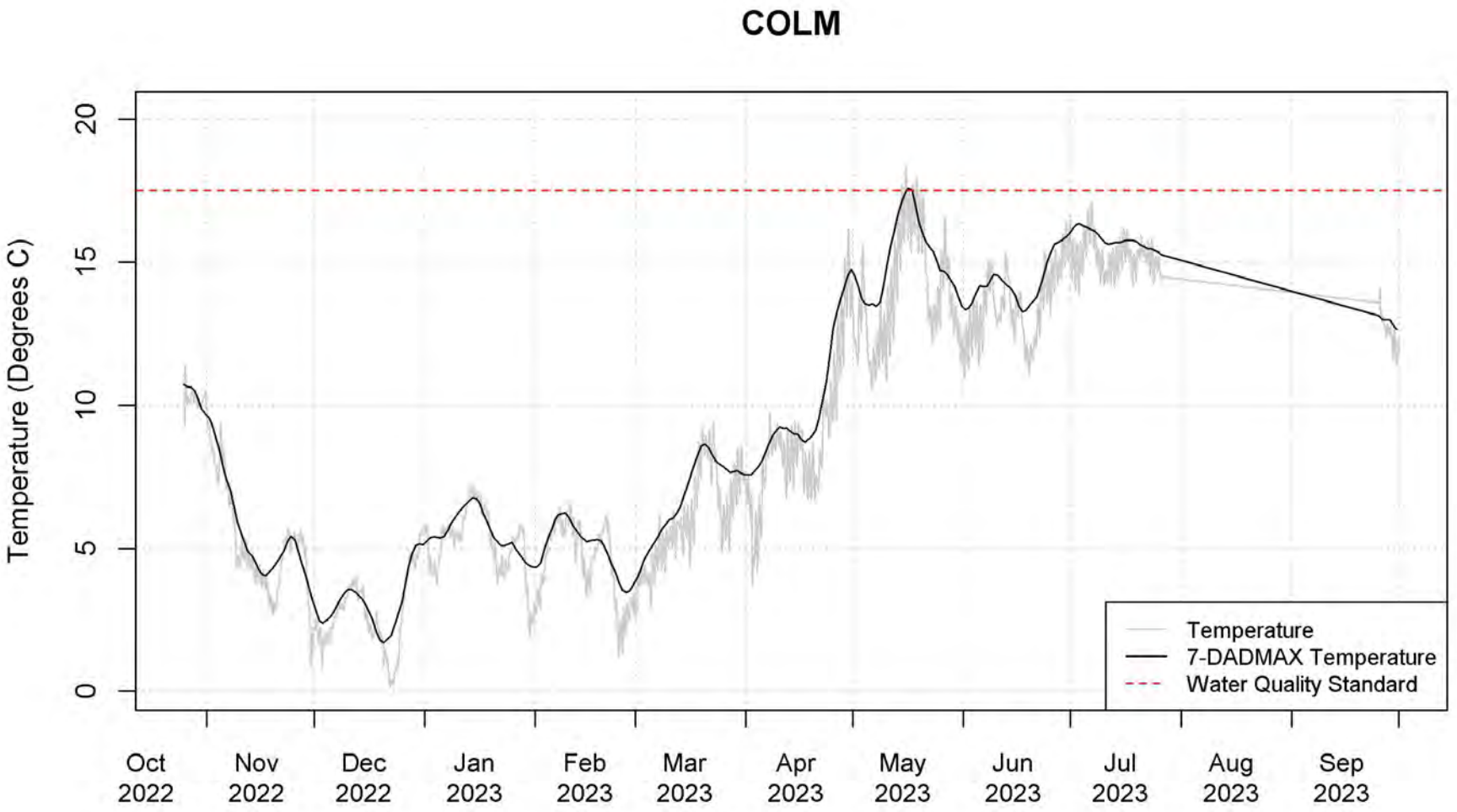


Figure J-7. Continuous Temperature and 7-DADMAX Measured at the SEIMN Station.

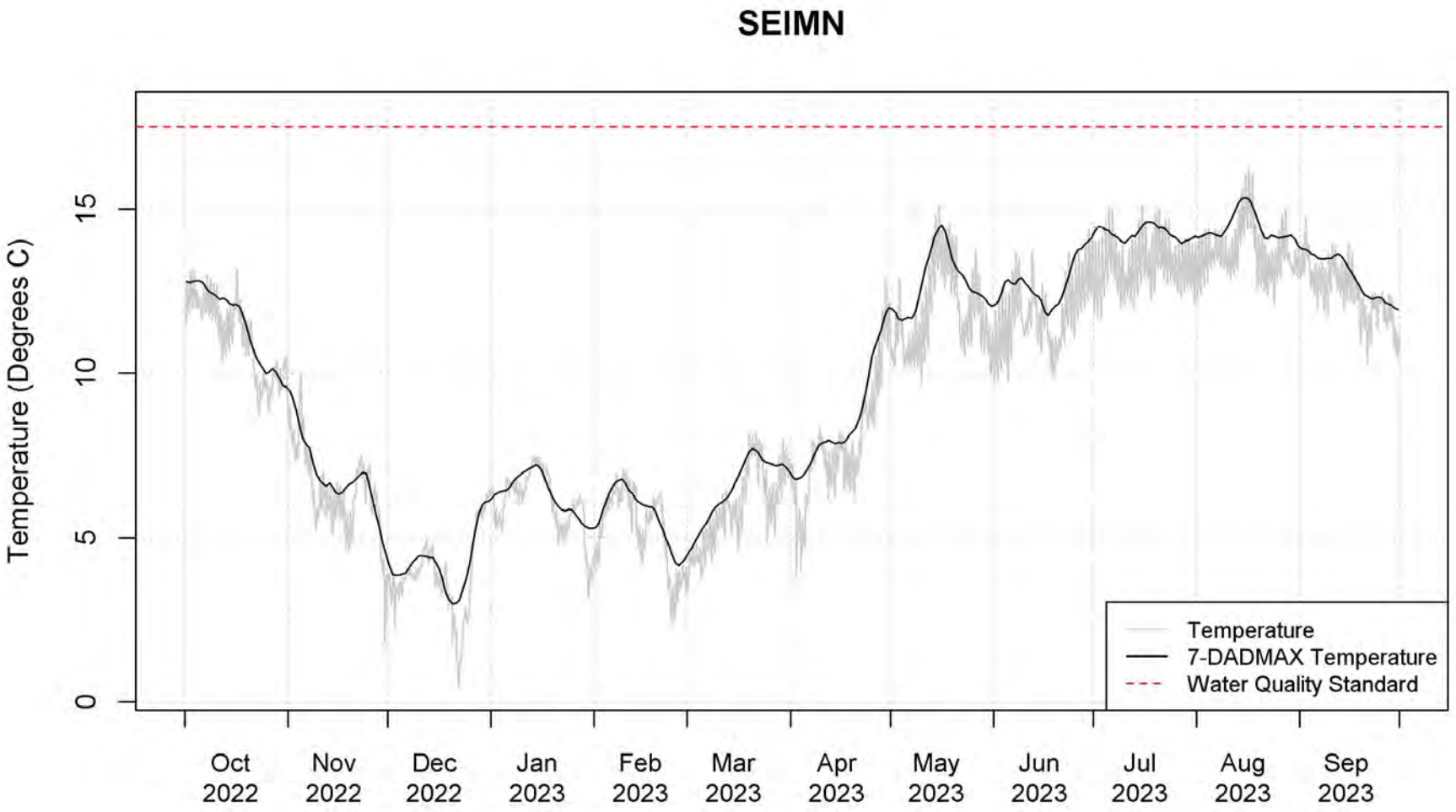


Figure J-8. Continuous Temperature and 7-DADMAX Measured at the SEIMS Station.

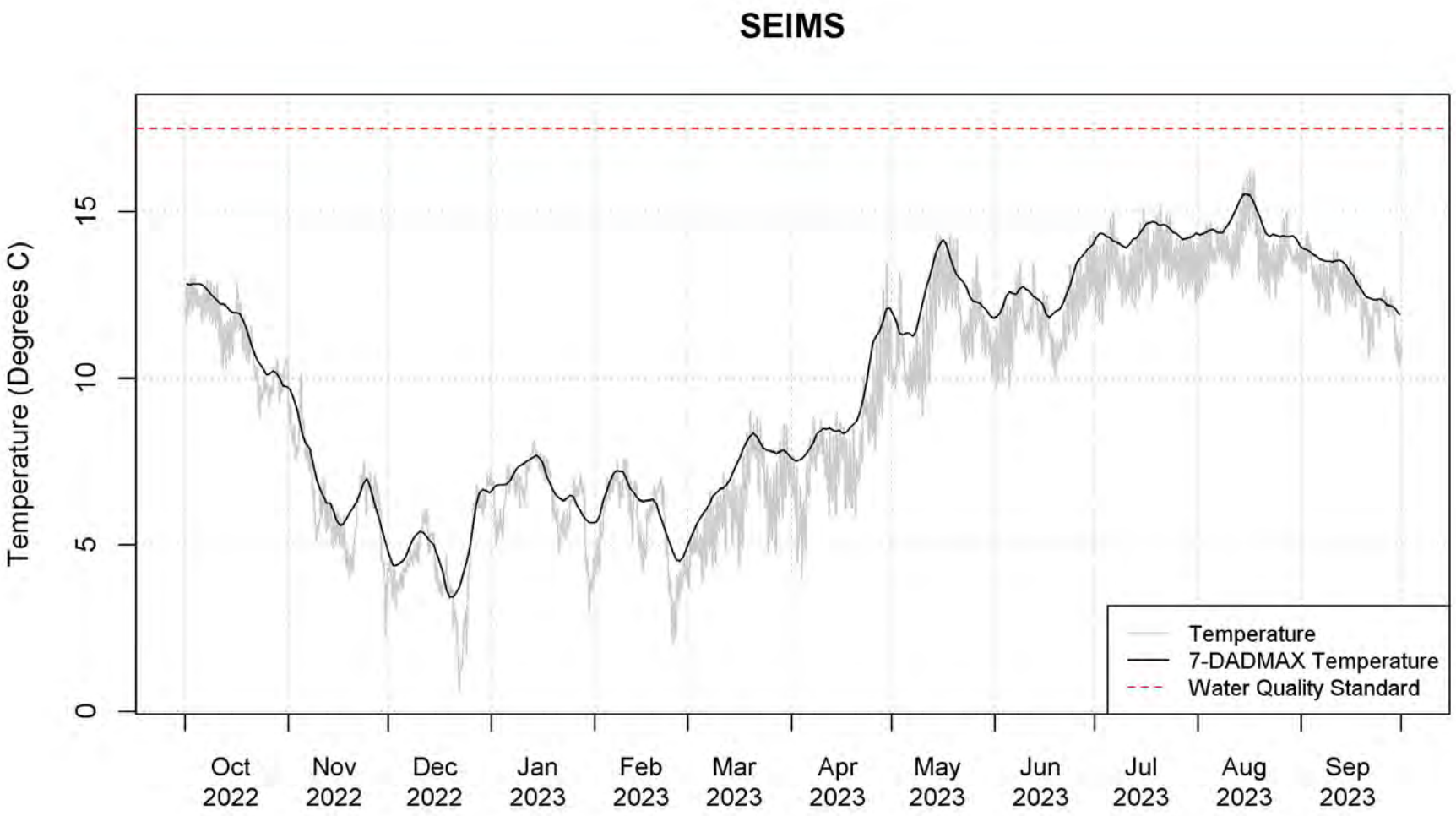


Figure J-9. Continuous Temperature and 7-DADMAX Measured at the COUMO Station.

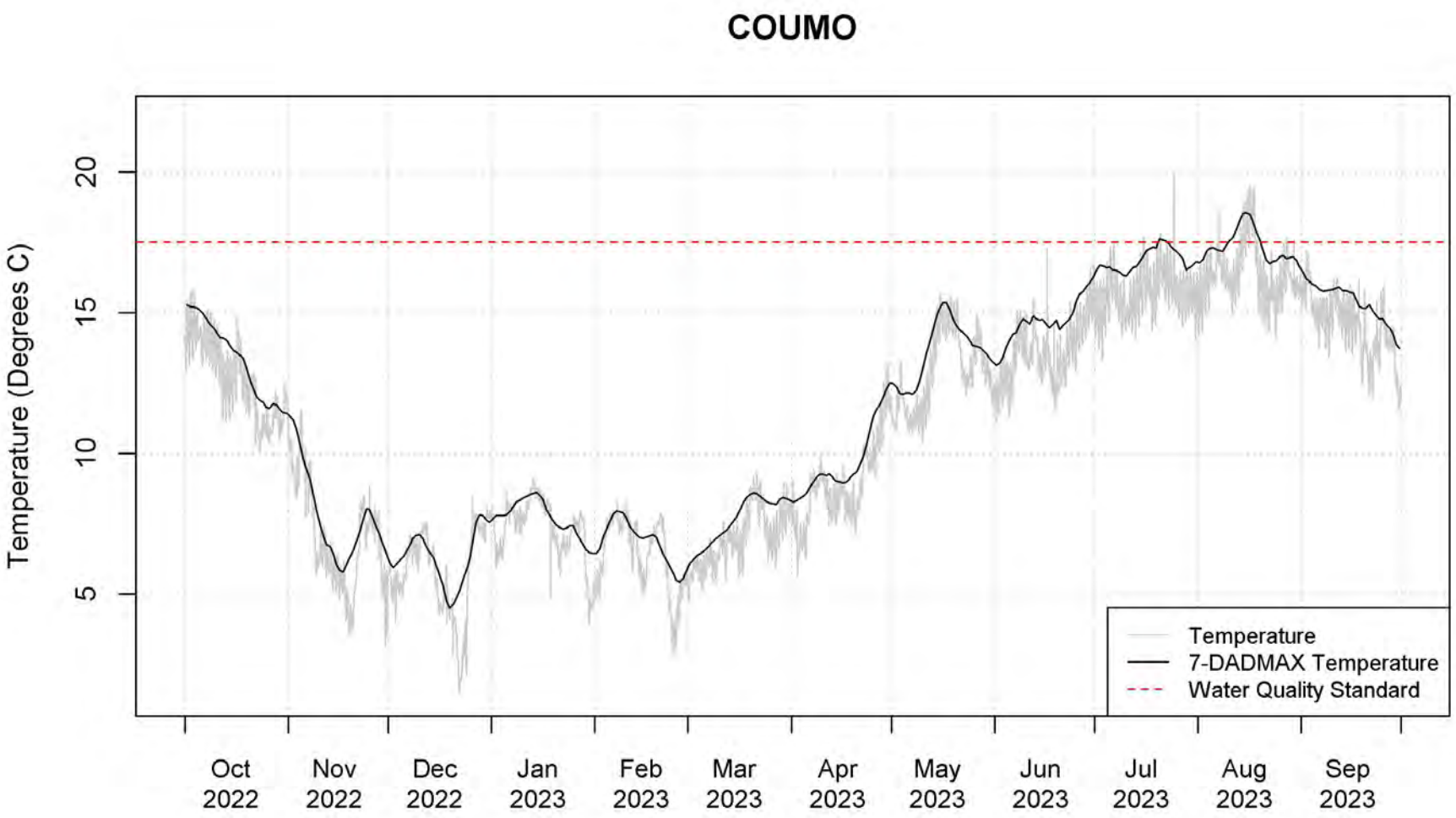


Figure J-10. Continuous Temperature and 7-DADMAX Measured at the COUMI Station.

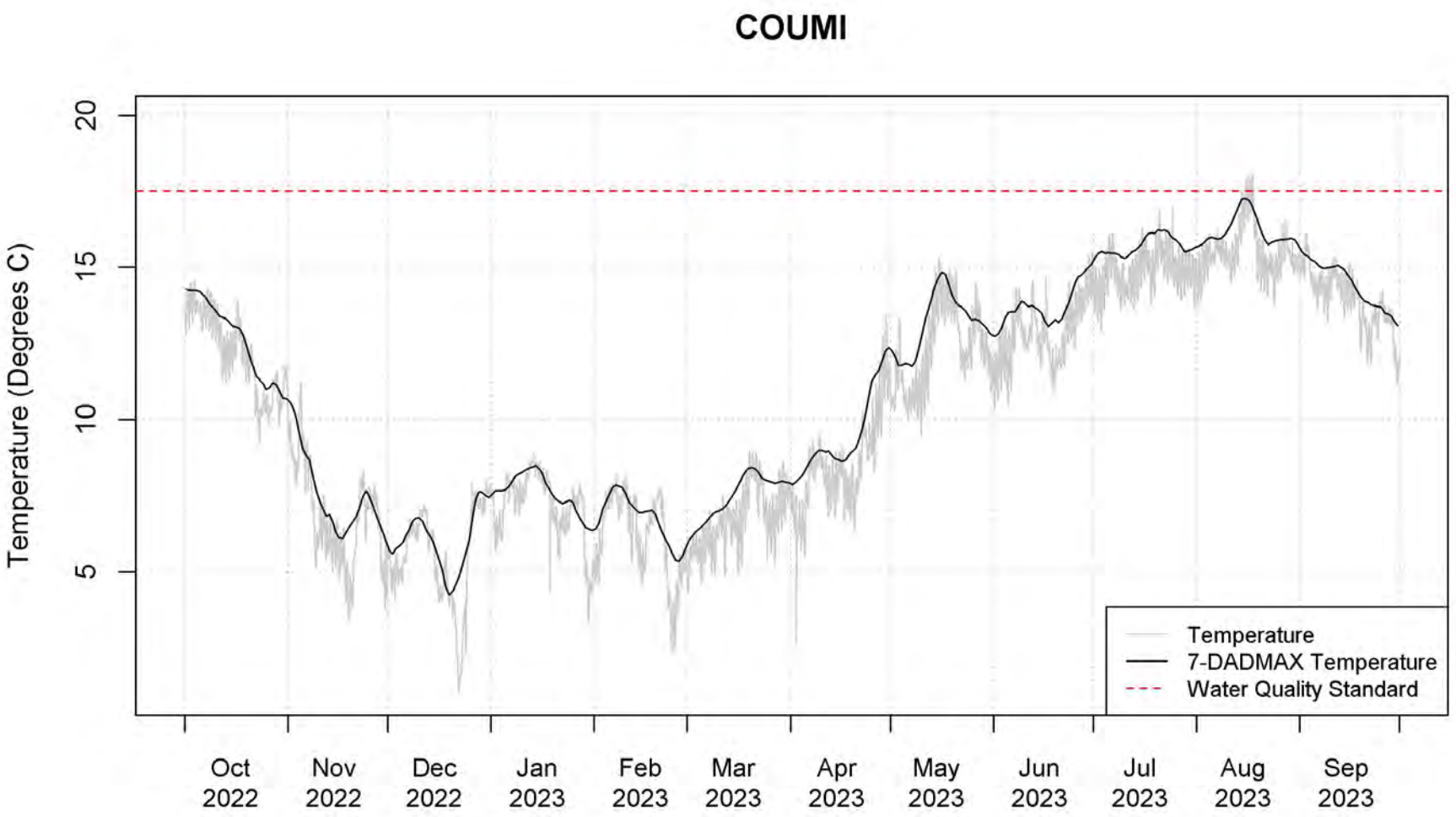


Figure J-11. Continuous Temperature and 7-DADMAX Measured at the TYLMO Station.

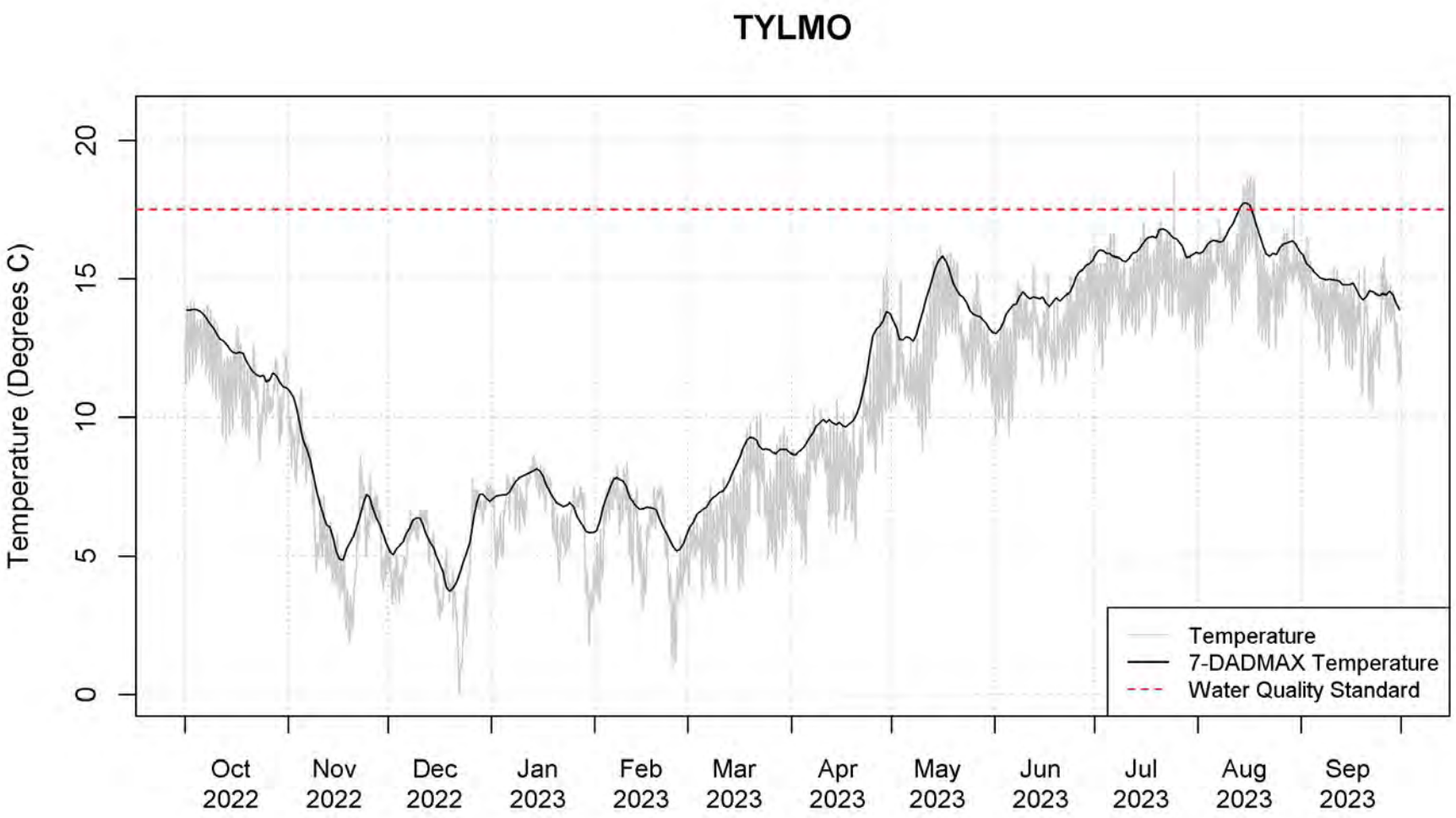
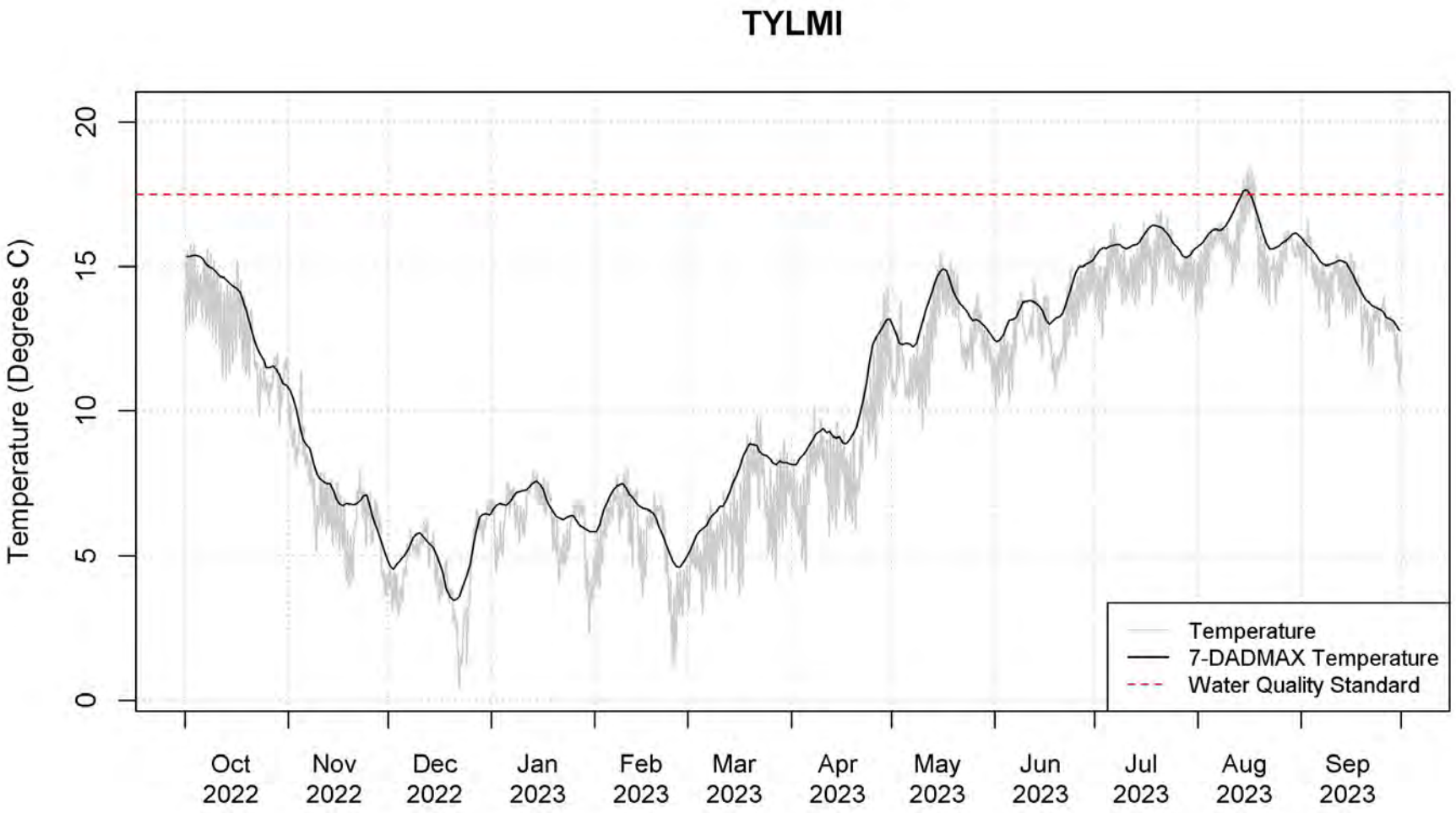


Figure J-12. Continuous Temperature and 7-DADMAX Measured at the TYLMI Station.



Appendix K

Compiled Field Data from Physical Habitat Monitoring

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The contents of this appendix are provided in a separate electronic file.

Appendix L

Computed Physical Habitat Quality Indicators

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The contents of this appendix are provided in a separate electronic file.

Appendix M

Summary Statistics for Evaluating Physical Habitat Quality Indicators

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The contents of this appendix are provided in a separate electronic file.

Appendix N

Laboratory Reports and Data Quality Assurance Audit Forms for Sediment Quality Monitoring

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OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2307-030

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on July 7, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

Case Narrative

Samples were collected on July 6, 2023 and received by the laboratory on July 7, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COLLIN-R-2023**					
Laboratory ID:	07-030-01					
Total Organic Carbon	**1.2**	0.092	EPA 9060A	7-24-23	7-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0724S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	7-24-23	7-24-23	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	07-030-01							
	ORIG DUP							
Total Organic Carbon	**1.15** **1.14**	NA	NA	NA	NA	1	22	
SPIKE BLANK								
Laboratory ID:	SB0724S1							
	SB	SB		SB				
Total Organic Carbon	**44.6**	42.1	NA	106	90-110	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COLLIN-M-2023**					
Laboratory ID:	07-030-02					
Copper	**15**	5.4	EPA 6010D	10-26-23	10-26-23	
Zinc	**93**	14	EPA 6010D	10-26-23	10-26-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COLLIN-R-2023**					
Laboratory ID:	07-030-01					
Naphthalene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
2-Methylnaphthalene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
1-Methylnaphthalene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Dimethylphthalate	**ND**	0.027	EPA 8270E	7-20-23	7-20-23	
Acenaphthylene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Acenaphthene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Diethylphthalate	**ND**	0.14	EPA 8270E	7-20-23	7-20-23	
Fluorene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Phenanthrene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Anthracene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Di-n-butylphthalate	**ND**	0.14	EPA 8270E	7-20-23	7-20-23	
Fluoranthene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Pyrene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Butylbenzylphthalate	**ND**	0.14	EPA 8270E	7-20-23	7-20-23	
Benzo[a]anthracene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Chrysene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.14	EPA 8270E	7-20-23	7-20-23	
Di-n-octylphthalate	**ND**	0.14	EPA 8270E	7-20-23	7-20-23	
Benzo[b]fluoranthene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo(j,k)fluoranthene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[a]pyrene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Dibenz[a,h]anthracene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[g,h,i]perylene	**ND**	0.0054	EPA 8270E/SIM	7-20-23	7-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*38*	*11 - 111*				
Phenol-d6	*43*	*26 - 117*				
Nitrobenzene-d5	*37*	*31 - 111*				
2-Fluorobiphenyl	*43*	*38 - 109*				
2,4,6-Tribromophenol	*49*	*27 - 127*				
Terphenyl-d14	*54*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0720S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	7-20-23	7-20-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Diethylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Butylbenzylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Di-n-octylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*11 - 111*				
Phenol-d6	*55*	*26 - 117*				
Nitrobenzene-d5	*53*	*31 - 111*				
2-Fluorobiphenyl	*61*	*38 - 109*				
2,4,6-Tribromophenol	*87*	*27 - 127*				
Terphenyl-d14	*90*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0720S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.436**	**0.448**	0.667	0.667	65	67	20 - 120	3	30	
2-Methylnaphthalene	**0.480**	**0.483**	0.667	0.667	72	72	20 - 120	1	30	
1-Methylnaphthalene	**0.472**	**0.471**	0.667	0.667	71	71	20 - 120	0	30	
Dimethylphthalate	**0.548**	**0.573**	0.667	0.667	82	86	20 - 120	4	30	
Acenaphthylene	**0.540**	**0.537**	0.667	0.667	81	81	20 - 120	1	30	
Acenaphthene	**0.491**	**0.486**	0.667	0.667	74	73	55 - 101	1	20	
Diethylphthalate	**0.571**	**0.557**	0.667	0.667	86	84	20 - 120	2	30	
Fluorene	**0.511**	**0.541**	0.667	0.667	77	81	20 - 120	6	30	
Phenanthrene	**0.554**	**0.561**	0.667	0.667	83	84	20 - 120	1	30	
Anthracene	**0.581**	**0.565**	0.667	0.667	87	85	20 - 120	3	30	
Di-n-butylphthalate	**0.645**	**0.630**	0.667	0.667	97	94	20 - 120	2	30	
Fluoranthene	**0.567**	**0.559**	0.667	0.667	85	84	20 - 120	1	30	
Pyrene	**0.608**	**0.598**	0.667	0.667	91	90	53 - 113	2	20	
Butylbenzylphthalate	**0.594**	**0.598**	0.667	0.667	89	90	20 - 120	1	30	
Benzo[a]anthracene	**0.543**	**0.543**	0.667	0.667	81	81	20 - 120	0	30	
Chrysene	**0.578**	**0.566**	0.667	0.667	87	85	20 - 120	2	30	
bis(2-Ethylhexyl)phthalate	**0.630**	**0.631**	0.667	0.667	94	95	20 - 120	0	30	
Di-n-octylphthalate	**0.628**	**0.634**	0.667	0.667	94	95	20 - 120	1	30	
Benzo[b]fluoranthene	**0.533**	**0.536**	0.667	0.667	80	80	20 - 120	1	30	
Benzo(j,k)fluoranthene	**0.582**	**0.564**	0.667	0.667	87	85	20 - 120	3	30	
Benzo[a]pyrene	**0.550**	**0.551**	0.667	0.667	82	83	20 - 120	0	30	
Indeno[1,2,3-cd]pyrene	**0.565**	**0.569**	0.667	0.667	85	85	20 - 120	1	30	
Dibenz[a,h]anthracene	**0.550**	**0.573**	0.667	0.667	82	86	20 - 120	4	30	
Benzo[g,h,i]perylene	**0.564**	**0.542**	0.667	0.667	85	81	20 - 120	4	30	
Surrogate:										
2-Fluorophenol					*55*	*56*	*11 - 111*			
Phenol-d6					*59*	*63*	*26 - 117*			
Nitrobenzene-d5					*62*	*63*	*31 - 111*			
2-Fluorobiphenyl					*67*	*66*	*38 - 109*			
2,4,6-Tribromophenol					*76*	*78*	*27 - 127*			
Terphenyl-d14					*75*	*81*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COLLIN-R-2023**					
Laboratory ID:	07-030-01					
Total Solids	**74**	0.50	SM 2540G	7-20-23	7-21-23	
Client ID:	**COLLIN-M-2023**					
Laboratory ID:	07-030-02					
Total Solids	**18**	0.50	SM 2540G	10-26-23	10-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 7, 2023
Laboratory Reference: 2307-030
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-030-01								
	ORIG	DUP							
Total Solids	**73.7**	**75.1**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Page 1 of 1

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 07-030

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	%Moisture 2540G						
	~~Collin-2023~~			Sediment	1												
1	COLLIN-R-2023	7/6/23	11:30	Sediment	1	X			X	X	X						
2	COLLIN-[illegible]-2023	"	"	Sediment	1		X	X			X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
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				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by N. Bartish Date 7/7/23 Received by _____ Date 7/7/23

Firm HEC Time 10:57 Firm ORE Time 1057

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 7/6/23 / COLIN (Lab Ref. 2307-030)

date 11/28/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	18	**≤14**	≤0.042% 0.042 %	NA	**NA**	106	**±20**	1	**≤ 20**	NS	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS
Copper	OK / EPA 6010D	NA	**NA**	112	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	112	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	14	**≤14**	<1	**≤40**	≤4 ug/kg 5.4 ug/kg	SURR 38-54	**SURR 11-127**	65-97	**20-120**	BS/BSD <1-6	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	14	**≤14**	<1	**≤40**	≤0.1 MG/KG 0.03-0.14 MG/KG	SURR 38-54	**SURR 11-127**	65-97	**20-120**	BS/BSD <1-6	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2307-092

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on July 13, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

Case Narrative

Samples were collected on July 13, 2023 and received by the laboratory on July 13, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-5R-2023**					
Laboratory ID:	07-092-02					
Total Organic Carbon	**1.1**	0.071	EPA 9060A	7-24-23	7-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0724S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	7-24-23	7-24-23	

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	07-030-01							
	ORIG DUP							
Total Organic Carbon	**1.15** **1.14**	NA	NA	NA	NA	1	22	
SPIKE BLANK								
Laboratory ID:	SB0724S1							
	SB	SB		SB				
Total Organic Carbon	**44.6**	42.1	NA	106	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-5M-2023**					
Laboratory ID:	07-092-01					
Copper	**25**	7.2	EPA 6010D	10-26-23	10-26-23	
Zinc	**150**	18	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-5R-2023**					
Laboratory ID:	07-092-02					
Naphthalene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
2-Methylnaphthalene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
1-Methylnaphthalene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Dimethylphthalate	**ND**	0.030	EPA 8270E	7-20-23	7-20-23	
Acenaphthylene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Acenaphthene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Diethylphthalate	**ND**	0.15	EPA 8270E	7-20-23	7-20-23	
Fluorene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Phenanthrene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Anthracene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Di-n-butylphthalate	**ND**	0.15	EPA 8270E	7-20-23	7-20-23	
Fluoranthene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Pyrene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Butylbenzylphthalate	**ND**	0.15	EPA 8270E	7-20-23	7-20-23	
Benzo[a]anthracene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Chrysene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.15	EPA 8270E	7-20-23	7-20-23	
Di-n-octylphthalate	**ND**	0.15	EPA 8270E	7-20-23	7-20-23	
Benzo[b]fluoranthene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo(j,k)fluoranthene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[a]pyrene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Dibenz[a,h]anthracene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[g,h,i]perylene	**ND**	0.0059	EPA 8270E/SIM	7-20-23	7-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*74*	*11 - 111*				
Phenol-d6	*77*	*26 - 117*				
Nitrobenzene-d5	*72*	*31 - 111*				
2-Fluorobiphenyl	*63*	*38 - 109*				
2,4,6-Tribromophenol	*83*	*27 - 127*				
Terphenyl-d14	*70*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0720S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	7-20-23	7-20-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Diethylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Butylbenzylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Di-n-octylphthalate	**ND**	0.10	EPA 8270E	7-20-23	7-20-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	7-20-23	7-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*11 - 111*				
Phenol-d6	*55*	*26 - 117*				
Nitrobenzene-d5	*53*	*31 - 111*				
2-Fluorobiphenyl	*61*	*38 - 109*				
2,4,6-Tribromophenol	*87*	*27 - 127*				
Terphenyl-d14	*90*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0720S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.436**	**0.448**	0.667	0.667	65	67	20 - 120	3	30	
2-Methylnaphthalene	**0.480**	**0.483**	0.667	0.667	72	72	20 - 120	1	30	
1-Methylnaphthalene	**0.472**	**0.471**	0.667	0.667	71	71	20 - 120	0	30	
Dimethylphthalate	**0.548**	**0.573**	0.667	0.667	82	86	20 - 120	4	30	
Acenaphthylene	**0.540**	**0.537**	0.667	0.667	81	81	20 - 120	1	30	
Acenaphthene	**0.491**	**0.486**	0.667	0.667	74	73	55 - 101	1	20	
Diethylphthalate	**0.571**	**0.557**	0.667	0.667	86	84	20 - 120	2	30	
Fluorene	**0.511**	**0.541**	0.667	0.667	77	81	20 - 120	6	30	
Phenanthrene	**0.554**	**0.561**	0.667	0.667	83	84	20 - 120	1	30	
Anthracene	**0.581**	**0.565**	0.667	0.667	87	85	20 - 120	3	30	
Di-n-butylphthalate	**0.645**	**0.630**	0.667	0.667	97	94	20 - 120	2	30	
Fluoranthene	**0.567**	**0.559**	0.667	0.667	85	84	20 - 120	1	30	
Pyrene	**0.608**	**0.598**	0.667	0.667	91	90	53 - 113	2	20	
Butylbenzylphthalate	**0.594**	**0.598**	0.667	0.667	89	90	20 - 120	1	30	
Benzo[a]anthracene	**0.543**	**0.543**	0.667	0.667	81	81	20 - 120	0	30	
Chrysene	**0.578**	**0.566**	0.667	0.667	87	85	20 - 120	2	30	
bis(2-Ethylhexyl)phthalate	**0.630**	**0.631**	0.667	0.667	94	95	20 - 120	0	30	
Di-n-octylphthalate	**0.628**	**0.634**	0.667	0.667	94	95	20 - 120	1	30	
Benzo[b]fluoranthene	**0.533**	**0.536**	0.667	0.667	80	80	20 - 120	1	30	
Benzo(j,k)fluoranthene	**0.582**	**0.564**	0.667	0.667	87	85	20 - 120	3	30	
Benzo[a]pyrene	**0.550**	**0.551**	0.667	0.667	82	83	20 - 120	0	30	
Indeno[1,2,3-cd]pyrene	**0.565**	**0.569**	0.667	0.667	85	85	20 - 120	1	30	
Dibenz[a,h]anthracene	**0.550**	**0.573**	0.667	0.667	82	86	20 - 120	4	30	
Benzo[g,h,i]perylene	**0.564**	**0.542**	0.667	0.667	85	81	20 - 120	4	30	
Surrogate:										
2-Fluorophenol					*55*	*56*	*11 - 111*			
Phenol-d6					*59*	*63*	*26 - 117*			
Nitrobenzene-d5					*62*	*63*	*31 - 111*			
2-Fluorobiphenyl					*67*	*66*	*38 - 109*			
2,4,6-Tribromophenol					*76*	*78*	*27 - 127*			
Terphenyl-d14					*75*	*81*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-5M-2023**					
Laboratory ID:	07-092-01					
Total Solids	**14**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**MONT-5R-2023**					
Laboratory ID:	07-092-02					
Total Solids	**67**	0.50	SM 2540G	7-20-23	7-21-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 13, 2023
Laboratory Reference: 2307-092
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-030-01								
	ORIG	DUP							
Total Solids	**73.7**	**75.1**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 07-092

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	total solids 2540G						
1	MONT-5M-2023	7/13/23	4:29	Sediment	1		X	X			X						
2	MONT-5R-2023	7/13/23	4:30	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
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				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by [signature] Date 7/13/23 Received by [signature] Date 7/13/23
Firm HERRERA Time 5:05 Firm OSE Time 1705
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 7/13/23 / MONT-5 (Lab Ref. 2307-092)

date 11/28/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	11	**≤14**	≤0.042% / 0.042 %	NA	**NA**	106	**±20**	1	**≤ 20**	NS	**≤ 35**	OK	NONE.
Copper	OK / EPA 6010D	NA	**NA**	105	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	105	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	7	**≤14**	<1	**≤40**	≤4 ug/kg / 5.9 UG/KG	SURR 63-83	**SURR 11-127**	65-97	**20-120**	BS/BSD <1-6	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	7	**≤14**	<1	**≤40**	≤0.02-0.1 MG/KG / 0.03-0.15 MG/KG	SURR 63-83	**SURR 11-127**	65-97	**20-120**	BS/BSD <1-6	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2307-119

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on July 18, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

Case Narrative

Samples were collected on July 18, 2023 and received by the laboratory on July 18, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-1R-2023**					
Laboratory ID:	07-119-02					
Total Organic Carbon	**4.5**	0.10	EPA 9060A	8-1-23	8-1-23	

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Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0801W1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	8-1-23	8-1-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-119-02								
	ORIG	DUP							
Total Organic Carbon	**4.46**	**4.27**	NA	NA	NA	NA	4	22	
SPIKE BLANK									
Laboratory ID:	SB0801W1								
	SB		SB		SB				
Total Organic Carbon	**42.7**		42.1	NA	101	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-1M-2023**					
Laboratory ID:	07-119-01					
Copper	**22**	3.1	EPA 6010D	10-26-23	10-26-23	
Zinc	**640**	7.7	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-1R-2023**					
Laboratory ID:	07-119-02					
Naphthalene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
2-Methylnaphthalene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
1-Methylnaphthalene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Dimethylphthalate	**ND**	0.082	EPA 8270E	7-20-23	7-20-23	
Acenaphthylene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Acenaphthene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Diethylphthalate	**ND**	0.16	EPA 8270E	7-20-23	7-20-23	
Fluorene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Phenanthrene	**0.042**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Anthracene	**0.0074**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Di-n-butylphthalate	**ND**	0.16	EPA 8270E	7-20-23	7-20-23	
Fluoranthene	**0.11**	0.082	EPA 8270E	7-20-23	7-20-23	
Pyrene	**0.071**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Butylbenzylphthalate	**ND**	0.16	EPA 8270E	7-20-23	7-20-23	
Benzo[a]anthracene	**0.037**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Chrysene	**0.039**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.16	EPA 8270E	7-20-23	7-20-23	
Di-n-octylphthalate	**ND**	0.16	EPA 8270E	7-20-23	7-20-23	
Benzo[b]fluoranthene	**0.062**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo(j,k)fluoranthene	**0.019**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[a]pyrene	**0.045**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Indeno[1,2,3-cd]pyrene	**0.030**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Dibenz[a,h]anthracene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[g,h,i]perylene	**ND**	0.0062	EPA 8270E/SIM	7-20-23	7-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*69*	*11 - 111*				
Phenol-d6	*74*	*26 - 117*				
Nitrobenzene-d5	*64*	*31 - 111*				
2-Fluorobiphenyl	*78*	*38 - 109*				
2,4,6-Tribromophenol	*85*	*27 - 127*				
Terphenyl-d14	*78*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0720S1					
Naphthalene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
2-Methylnaphthalene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
1-Methylnaphthalene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	7-20-23	7-20-23	
Acenaphthylene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Acenaphthene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Diethylphthalate	**ND**	0.040	EPA 8270E	7-20-23	7-20-23	
Fluorene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Phenanthrene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Anthracene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Di-n-butylphthalate	**ND**	0.040	EPA 8270E	7-20-23	7-20-23	
Fluoranthene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Pyrene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Butylbenzylphthalate	**ND**	0.040	EPA 8270E	7-20-23	7-20-23	
Benzo[a]anthracene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Chrysene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.040	EPA 8270E	7-20-23	7-20-23	
Di-n-octylphthalate	**ND**	0.040	EPA 8270E	7-20-23	7-20-23	
Benzo[b]fluoranthene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo(j,k)fluoranthene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[a]pyrene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Dibenz[a,h]anthracene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Benzo[g,h,i]perylene	**ND**	0.0030	EPA 8270E/SIM	7-20-23	7-20-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*11 - 111*				
Phenol-d6	*55*	*26 - 117*				
Nitrobenzene-d5	*53*	*31 - 111*				
2-Fluorobiphenyl	*61*	*38 - 109*				
2,4,6-Tribromophenol	*87*	*27 - 127*				
Terphenyl-d14	*90*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0720S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.436**	**0.448**	0.667	0.667	65	67	20 - 120	3	30	
2-Methylnaphthalene	**0.480**	**0.483**	0.667	0.667	72	72	20 - 120	1	30	
1-Methylnaphthalene	**0.472**	**0.471**	0.667	0.667	71	71	20 - 120	0	30	
Dimethylphthalate	**0.548**	**0.573**	0.667	0.667	82	86	20 - 120	4	30	
Acenaphthylene	**0.540**	**0.537**	0.667	0.667	81	81	20 - 120	1	30	
Acenaphthene	**0.491**	**0.486**	0.667	0.667	74	73	55 - 101	1	20	
Diethylphthalate	**0.571**	**0.557**	0.667	0.667	86	84	20 - 120	2	30	
Fluorene	**0.511**	**0.541**	0.667	0.667	77	81	20 - 120	6	30	
Phenanthrene	**0.554**	**0.561**	0.667	0.667	83	84	20 - 120	1	30	
Anthracene	**0.581**	**0.565**	0.667	0.667	87	85	20 - 120	3	30	
Di-n-butylphthalate	**0.645**	**0.630**	0.667	0.667	97	94	20 - 120	2	30	
Fluoranthene	**0.567**	**0.559**	0.667	0.667	85	84	20 - 120	1	30	
Pyrene	**0.608**	**0.598**	0.667	0.667	91	90	53 - 113	2	20	
Butylbenzylphthalate	**0.594**	**0.598**	0.667	0.667	89	90	20 - 120	1	30	
Benzo[a]anthracene	**0.543**	**0.543**	0.667	0.667	81	81	20 - 120	0	30	
Chrysene	**0.578**	**0.566**	0.667	0.667	87	85	20 - 120	2	30	
bis(2-Ethylhexyl)phthalate	**0.630**	**0.631**	0.667	0.667	94	95	20 - 120	0	30	
Di-n-octylphthalate	**0.628**	**0.634**	0.667	0.667	94	95	20 - 120	1	30	
Benzo[b]fluoranthene	**0.533**	**0.536**	0.667	0.667	80	80	20 - 120	1	30	
Benzo(j,k)fluoranthene	**0.582**	**0.564**	0.667	0.667	87	85	20 - 120	3	30	
Benzo[a]pyrene	**0.550**	**0.551**	0.667	0.667	82	83	20 - 120	0	30	
Indeno[1,2,3-cd]pyrene	**0.565**	**0.569**	0.667	0.667	85	85	20 - 120	1	30	
Dibenz[a,h]anthracene	**0.550**	**0.573**	0.667	0.667	82	86	20 - 120	4	30	
Benzo[g,h,i]perylene	**0.564**	**0.542**	0.667	0.667	85	81	20 - 120	4	30	
Surrogate:										
2-Fluorophenol					*55*	*56*	*11 - 111*			
Phenol-d6					*59*	*63*	*26 - 117*			
Nitrobenzene-d5					*62*	*63*	*31 - 111*			
2-Fluorobiphenyl					*67*	*66*	*38 - 109*			
2,4,6-Tribromophenol					*76*	*78*	*27 - 127*			
Terphenyl-d14					*75*	*81*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-1M-2023**					
Laboratory ID:	07-119-01					
Total Solids	**33**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**TOSH-1R-2023**					
Laboratory ID:	07-119-02					
Total Solids	**49**	0.50	SM 2540G	7-20-23	7-21-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 18, 2023
Laboratory Reference: 2307-119
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-030-01								
	ORIG	DUP							
Total Solids	**73.7**	**75.1**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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CHAIN OF CUSTODY

Onsite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 07-119

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	TOSH 2023 Solids						
1	TOSH-1M-2023	7/18	9:30	Sediment	1		X	X			X						
2	TOSH-1R-2023	7/18	9:35	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Thea Foulk Date 7/18 Received by _____ Date 7/18/23

Firm Herrera Time 13:30 Firm ONE Time 1330

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 7/18/23 / TOSH-1 (Lab Ref. 2307-119)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	14	**≤14**	≤0.042% 0.042 %	NA	**NA**	101	**±20**	4	**≤ 20**	NS	**≤ 35**	OK	NONE
Copper	OK / EPA 6010D	NA	**NA**	100	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	100	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	2	**≤14**	<1	**≤40**	≤3 ug/kg 6.2-82 ug/kg	SURR 64-85	**SURR 11-127**	65-97	**20-120**	BS/BSD <1-6	**≤40**	NS	**≤ 50**	OK	ELEVATED RL FOR SOME UNDETECTED PARAMETERS. NO FLAG.
Phthalates	OK / EPA 8270E	2	**≤14**	<1	**≤40**	≤0.0.02-0.04 MG/KG 0.08-0.16 MG/KG	SURR 64-85	**SURR 11-127**	65-97	**20-120**	BS/BSD <1-6	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; RL – reporting limit

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2307-202

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on July 25, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

Case Narrative

Samples were collected on July 25, 2023 and received by the laboratory on July 25, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-IR-2023**					
Laboratory ID:	07-202-02					
Total Organic Carbon	**2.2**	0.072	EPA 9060A	8-1-23	8-1-23	

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Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0801W1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	8-1-23	8-1-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-119-02								
	ORIG	DUP							
Total Organic Carbon	**4.46**	**4.27**	NA	NA	NA	NA	4	22	
SPIKE BLANK									
Laboratory ID:	SB0801W1								
	SB		SB		SB				
Total Organic Carbon	**42.7**		42.1	NA	101	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-IM-2023**					
Laboratory ID:	07-202-01					
Copper	**45**	4.1	EPA 6010D	10-26-23	10-26-23	
Zinc	**480**	10	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-IR-2023**					
Laboratory ID:	07-202-02					
Naphthalene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
2-Methylnaphthalene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
1-Methylnaphthalene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Dimethylphthalate	**ND**	0.15	EPA 8270E	8-1-23	8-1-23	
Acenaphthylene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Acenaphthene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Diethylphthalate	**ND**	0.15	EPA 8270E	8-1-23	8-1-23	
Fluorene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Phenanthrene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Anthracene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Di-n-butylphthalate	**ND**	0.15	EPA 8270E	8-1-23	8-1-23	
Fluoranthene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Pyrene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Butylbenzylphthalate	**ND**	0.15	EPA 8270E	8-1-23	8-1-23	
Benzo[a]anthracene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Chrysene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.15	EPA 8270E	8-1-23	8-1-23	
Di-n-octylphthalate	**ND**	0.15	EPA 8270E	8-1-23	8-1-23	
Benzo[b]fluoranthene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Benzo(j,k)fluoranthene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Benzo[a]pyrene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Dibenz[a,h]anthracene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Benzo[g,h,i]perylene	**ND**	0.0074	EPA 8270E/SIM	8-1-23	8-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*55*	*11 - 111*				
Phenol-d6	*66*	*26 - 117*				
Nitrobenzene-d5	*67*	*31 - 111*				
2-Fluorobiphenyl	*68*	*38 - 109*				
2,4,6-Tribromophenol	*84*	*27 - 127*				
Terphenyl-d14	*74*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0801S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-1-23	8-1-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	8-1-23	8-1-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Di-n-butylphthalate	**ND**	0.020	EPA 8270E	8-1-23	8-1-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	8-1-23	8-1-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.020	EPA 8270E	8-1-23	8-1-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	8-1-23	8-1-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	8-1-23	8-1-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*60*	*11 - 111*				
Phenol-d6	*71*	*26 - 117*				
Nitrobenzene-d5	*68*	*31 - 111*				
2-Fluorobiphenyl	*69*	*38 - 109*				
2,4,6-Tribromophenol	*96*	*27 - 127*				
Terphenyl-d14	*83*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0801S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.481**	**0.470**	0.667	0.667	72	70	20 - 120	2	30	
2-Methylnaphthalene	**0.511**	**0.499**	0.667	0.667	77	75	20 - 120	2	30	
1-Methylnaphthalene	**0.512**	**0.496**	0.667	0.667	77	74	20 - 120	3	30	
Dimethylphthalate	**0.561**	**0.499**	0.667	0.667	84	75	20 - 120	12	30	
Acenaphthylene	**0.555**	**0.496**	0.667	0.667	83	74	20 - 120	11	30	
Acenaphthene	**0.529**	**0.496**	0.667	0.667	79	74	55 - 101	6	20	
Diethylphthalate	**0.583**	**0.546**	0.667	0.667	87	82	20 - 120	7	30	
Fluorene	**0.560**	**0.518**	0.667	0.667	84	78	20 - 120	8	30	
Phenanthrene	**0.550**	**0.531**	0.667	0.667	82	80	20 - 120	4	30	
Anthracene	**0.562**	**0.523**	0.667	0.667	84	78	20 - 120	7	30	
Di-n-butylphthalate	**0.597**	**0.589**	0.667	0.667	90	88	20 - 120	1	30	
Fluoranthene	**0.572**	**0.535**	0.667	0.667	86	80	20 - 120	7	30	
Pyrene	**0.546**	**0.509**	0.667	0.667	82	76	53 - 113	7	20	
Butylbenzylphthalate	**0.594**	**0.563**	0.667	0.667	89	84	20 - 120	5	30	
Benzo[a]anthracene	**0.558**	**0.530**	0.667	0.667	84	79	20 - 120	5	30	
Chrysene	**0.561**	**0.530**	0.667	0.667	84	79	20 - 120	6	30	
bis(2-Ethylhexyl)phthalate	**0.609**	**0.587**	0.667	0.667	91	88	20 - 120	4	30	
Di-n-octylphthalate	**0.631**	**0.594**	0.667	0.667	95	89	20 - 120	6	30	
Benzo[b]fluoranthene	**0.555**	**0.556**	0.667	0.667	83	83	20 - 120	0	30	
Benzo(j,k)fluoranthene	**0.594**	**0.549**	0.667	0.667	89	82	20 - 120	8	30	
Benzo[a]pyrene	**0.559**	**0.540**	0.667	0.667	84	81	20 - 120	3	30	
Indeno[1,2,3-cd]pyrene	**0.607**	**0.575**	0.667	0.667	91	86	20 - 120	5	30	
Dibenz[a,h]anthracene	**0.613**	**0.580**	0.667	0.667	92	87	20 - 120	6	30	
Benzo[g,h,i]perylene	**0.592**	**0.572**	0.667	0.667	89	86	20 - 120	3	30	
Surrogate:										
2-Fluorophenol					*61*	*58*	*11 - 111*			
Phenol-d6					*73*	*71*	*26 - 117*			
Nitrobenzene-d5					*72*	*69*	*31 - 111*			
2-Fluorobiphenyl					*73*	*67*	*38 - 109*			
2,4,6-Tribromophenol					*95*	*88*	*27 - 127*			
Terphenyl-d14					*80*	*75*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-IM-2023**					
Laboratory ID:	07-202-01					
Total Solids	**24**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**TYLR-IR-2023**					
Laboratory ID:	07-202-02					
Total Solids	**54**	0.50	SM 2540G	7-25-23	7-26-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: July 25, 2023
Laboratory Reference: 2307-202
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	07-175-01								
	ORIG	DUP							
Total Solids	**70.8**	**71.6**	NA	NA	NA	NA	1	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Laboratory Number: 07-202

Company: Herrera Environmental Consultants
Project Number: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth
Sampled by: N. Bartish

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	~~HEM (oil and grease) 1664~~ Polycyclic aromatic hydrocarbons	Total Organic Carbon	Copper	Zinc	Phthalates	~~% Moisture~~ Total solids 2540G
1	TYLR-1M-2023	7/25/23	11:30	Sediment	1																			X	X		X
2	TYLR-1R-2023	7/25/23	11:30	Sediment	1																	X	X			X	X

	Signature	Company	Date	Time
Relinquished	Nicole Vandenhoff	Herrera	7/25/23	15:45
Received	[signature]	OSE	7/25/23	1545
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 7/25/23 / TYLR-1 (Lab Ref. 2307-202)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	7	**≤14**	≤0.042% 0.042 %	NA	**NA**	101	**±20**	4	**≤ 20**	NS	**≤ 35**	OK	NONE.
Copper	OK / EPA 6010D	NA	**NA**	93	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	93	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	6	**≤14**	<1	**≤40**	≤4 ug/kg 7.4 ug/kg	SURR 55-84	**SURR 11-127**	70-95	**20-120**	BS/BSD <1-12	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	6	**≤14**	<1	**≤40**	≤0.2 MG/KG 0.15 MG/KG	SURR 55-84	**SURR 11-127**	70-95	**20-120**	BS/BSD <1-12	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-010

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 1, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

Case Narrative

Samples were collected on August 1, 2023 and received by the laboratory on August 1, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:						
Laboratory ID:	08-010-01					
Total Organic Carbon	**7.3**	0.28	EPA 9060A	8-14-23	8-14-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	8-14-23	8-14-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-116-02								
	ORIG	DUP							
Total Organic Carbon	**4.99**	**4.79**	NA	NA	NA	NA	4	22	
SPIKE BLANK									
Laboratory ID:	SB0814S1								
	SB		SB		SB				
Total Organic Carbon	**42.7**		42.1	NA	101	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRY-2M-2023**					
Laboratory ID:	08-010-02					
Copper	**20**	3.8	EPA 6010D	10-26-23	10-26-23	
Zinc	**170**	9.4	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRY-2R-2023**					
Laboratory ID:	08-010-01					
Naphthalene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
2-Methylnaphthalene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
1-Methylnaphthalene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Dimethylphthalate	**ND**	0.073	EPA 8270E	8-9-23	8-9-23	
Acenaphthylene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Acenaphthene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Diethylphthalate	**ND**	0.37	EPA 8270E	8-9-23	8-9-23	
Fluorene	**0.015**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Phenanthrene	**0.083**	0.073	EPA 8270E	8-9-23	8-9-23	
Anthracene	**0.026**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Di-n-butylphthalate	**ND**	0.37	EPA 8270E	8-9-23	8-9-23	
Fluoranthene	**0.064**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Pyrene	**0.088**	0.073	EPA 8270E	8-9-23	8-9-23	
Butylbenzylphthalate	**ND**	0.37	EPA 8270E	8-9-23	8-9-23	
Benzo[a]anthracene	**0.047**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Chrysene	**0.041**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
bis(2-Ethylhexyl)phthalate	**0.48**	0.37	EPA 8270E	8-9-23	8-9-23	
Di-n-octylphthalate	**ND**	0.37	EPA 8270E	8-9-23	8-9-23	
Benzo[b]fluoranthene	**0.036**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Benzo(j,k)fluoranthene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Benzo[a]pyrene	**0.038**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Indeno[1,2,3-cd]pyrene	**0.022**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Dibenz[a,h]anthracene	**ND**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Benzo[g,h,i]perylene	**0.019**	0.015	EPA 8270E/SIM	8-9-23	8-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*70*	*11 - 111*				
Phenol-d6	*86*	*26 - 117*				
Nitrobenzene-d5	*84*	*31 - 111*				
2-Fluorobiphenyl	*82*	*38 - 109*				
2,4,6-Tribromophenol	*103*	*27 - 127*				
Terphenyl-d14	*83*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0809S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-9-23	8-9-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Diethylphthalate	**ND**	0.10	EPA 8270E	8-9-23	8-9-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	8-9-23	8-9-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Butylbenzylphthalate	**ND**	0.10	EPA 8270E	8-9-23	8-9-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-9-23	8-9-23	
Di-n-octylphthalate	**ND**	0.10	EPA 8270E	8-9-23	8-9-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	8-9-23	8-9-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*34*	*11 - 111*				
Phenol-d6	*45*	*26 - 117*				
Nitrobenzene-d5	*41*	*31 - 111*				
2-Fluorobiphenyl	*44*	*38 - 109*				
2,4,6-Tribromophenol	*82*	*27 - 127*				
Terphenyl-d14	*74*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0809S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.486**	**0.472**	0.667	0.667	73	71	20 - 120	3	30	
2-Methylnaphthalene	**0.513**	**0.494**	0.667	0.667	77	74	20 - 120	4	30	
1-Methylnaphthalene	**0.504**	**0.487**	0.667	0.667	76	73	20 - 120	3	30	
Dimethylphthalate	**0.588**	**0.571**	0.667	0.667	88	86	20 - 120	3	30	
Acenaphthylene	**0.553**	**0.537**	0.667	0.667	83	81	20 - 120	3	30	
Acenaphthene	**0.539**	**0.509**	0.667	0.667	81	76	55 - 101	6	20	
Diethylphthalate	**0.615**	**0.590**	0.667	0.667	92	88	20 - 120	4	30	
Fluorene	**0.591**	**0.564**	0.667	0.667	89	85	20 - 120	5	30	
Phenanthrene	**0.589**	**0.552**	0.667	0.667	88	83	20 - 120	6	30	
Anthracene	**0.578**	**0.544**	0.667	0.667	87	82	20 - 120	6	30	
Di-n-butylphthalate	**0.655**	**0.630**	0.667	0.667	98	94	20 - 120	4	30	
Fluoranthene	**0.589**	**0.578**	0.667	0.667	88	87	20 - 120	2	30	
Pyrene	**0.561**	**0.556**	0.667	0.667	84	83	53 - 113	1	20	
Butylbenzylphthalate	**0.626**	**0.605**	0.667	0.667	94	91	20 - 120	3	30	
Benzo[a]anthracene	**0.574**	**0.551**	0.667	0.667	86	83	20 - 120	4	30	
Chrysene	**0.598**	**0.561**	0.667	0.667	90	84	20 - 120	6	30	
bis(2-Ethylhexyl)phthalate	**0.669**	**0.631**	0.667	0.667	100	95	20 - 120	6	30	
Di-n-octylphthalate	**0.684**	**0.650**	0.667	0.667	103	97	20 - 120	5	30	
Benzo[b]fluoranthene	**0.588**	**0.563**	0.667	0.667	88	84	20 - 120	4	30	
Benzo(j,k)fluoranthene	**0.619**	**0.582**	0.667	0.667	93	87	20 - 120	6	30	
Benzo[a]pyrene	**0.589**	**0.566**	0.667	0.667	88	85	20 - 120	4	30	
Indeno[1,2,3-cd]pyrene	**0.639**	**0.575**	0.667	0.667	96	86	20 - 120	11	30	
Dibenz[a,h]anthracene	**0.625**	**0.601**	0.667	0.667	94	90	20 - 120	4	30	
Benzo[g,h,i]perylene	**0.618**	**0.570**	0.667	0.667	93	85	20 - 120	8	30	
Surrogate:										
2-Fluorophenol					*61*	*60*	*11 - 111*			
Phenol-d6					*79*	*74*	*26 - 117*			
Nitrobenzene-d5					*71*	*69*	*31 - 111*			
2-Fluorobiphenyl					*73*	*69*	*38 - 109*			
2,4,6-Tribromophenol					*102*	*94*	*27 - 127*			
Terphenyl-d14					*82*	*77*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRY-2R-2023**					
Laboratory ID:	08-010-01					
Total Solids	**27**	0.50	SM 2540G	8-2-23	8-3-23	
Client ID:	**CTRY-2M-2023**					
Laboratory ID:	08-010-02					
Total Solids	**26**	0.50	SM 2540G	10-26-23	10-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 1, 2023
Laboratory Reference: 2308-010
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-019-01								
	ORIG	DUP							
Total Solids	**91.0**	**91.3**	NA	NA	NA	NA	0	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Page 1 of 1

Laboratory Number: 08-010

Company: Herrera Env. Con.
Project Number: 14-05806-000
Project Name: Redmond Paired Watershed
Project Manager: John Lenton
Sampled by: Thea Foulk

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	~~NWTPH-HCID~~ Total organic carbon	~~NWTPH-Gx/BTEX (8021☐ 8260☐)~~ Copper	~~NWTPH-Gx~~ zinc	~~NWTPH-Dx (SG Clean-up☐)~~ polycyclic aromatic hydrocarbons	~~Volatiles 8260~~ Phthalates	~~Halogenated Volatiles 8260~~ % Moisture 2540G	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664					% Moisture
1	CTRY-2R-2023	8/1	10:30	SED		X			X	X	X																
2	CTRY-2M-2023	8/1	10:30	SED		~~X~~	X	X																			
											X																

	Signature	Company	Date	Time
Relinquished	T. Foulk	Herrera	8/1	14:00
Received	Nichelle Bifolin	OSE	8/1/23	1400
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 08-010

Initiated by: JMV

Date Initiated: 8/1/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #1,2) CRTY on labels - COC is correct. JJV

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/1/23 / CTRY-2 (Lab Ref. 2308-010)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	13	**≤14**	≤0.042% / 0.042 %	NA	**NA**	101	**±20**	4	**≤ 20**	NS	**≤ 35**	OK	NONE.
Copper	OK / EPA 6010D	NA	**NA**	86	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	86	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	8	**≤14**	<1, 1	**≤40**	≤4 ug/kg / 15-73 ug/kg	SURR 70-103	**SURR 11-127**	71-103	**20-120**	BS/BSD 1-11	**≤40**	NS	**≤ 50**	OK	ELEVATED RL FOR SOME UNDETECTED PARAMETERS. NO FLAG
Phthalates	OK / EPA 8270E	8	**≤14**	<1, 1	**≤40**	≤0.1 MG/KG / 0.07-0.37 MG/KG	SURR 70-103	**SURR 11-127**	71-103	**20-120**	BS/BSD 1-11	**≤40**	NS	**≤ 50**	OK	ELEVATED RL FOR SOME UNDETECTED PARAMETERS. NO FLAG

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-116

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 9, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

Case Narrative

Samples were collected on August 9, 2023 and received by the laboratory on August 9, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-4-R**					
Laboratory ID:	08-116-02					
Total Organic Carbon	**5.0**	0.18	EPA 9060A	8-14-23	8-14-23	

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Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	8-14-23	8-14-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-116-02								
	ORIG	DUP							
Total Organic Carbon	**4.99**	**4.79**	NA	NA	NA	NA	4	22	
SPIKE BLANK									
Laboratory ID:	SB0814S1								
	SB		SB		SB				
Total Organic Carbon	**42.7**		42.1	NA	101	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-4-M**					
Laboratory ID:	08-116-01					
Copper	**46**	4.7	EPA 6010D	10-26-23	10-26-23	
Zinc	**260**	12	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-4-R**					
Laboratory ID:	08-116-02					
Naphthalene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
2-Methylnaphthalene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
1-Methylnaphthalene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Dimethylphthalate	**ND**	0.11	EPA 8270E	8-14-23	8-14-23	
Acenaphthylene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Acenaphthene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Diethylphthalate	**ND**	0.11	EPA 8270E	8-14-23	8-14-23	
Fluorene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Phenanthrene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Anthracene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Di-n-butylphthalate	**ND**	0.11	EPA 8270E	8-14-23	8-14-23	
Fluoranthene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Pyrene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Butylbenzylphthalate	**ND**	0.11	EPA 8270E	8-14-23	8-14-23	
Benzo[a]anthracene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Chrysene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.11	EPA 8270E	8-14-23	8-14-23	
Di-n-octylphthalate	**ND**	0.11	EPA 8270E	8-14-23	8-14-23	
Benzo[b]fluoranthene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo(j,k)fluoranthene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[a]pyrene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Dibenz[a,h]anthracene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[g,h,i]perylene	**ND**	0.023	EPA 8270E/SIM	8-14-23	8-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*47*	*11 - 111*				
Phenol-d6	*57*	*26 - 117*				
Nitrobenzene-d5	*43*	*31 - 111*				
2-Fluorobiphenyl	*50*	*38 - 109*				
2,4,6-Tribromophenol	*64*	*27 - 127*				
Terphenyl-d14	*62*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Di-n-butylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*11 - 111*				
Phenol-d6	*73*	*26 - 117*				
Nitrobenzene-d5	*67*	*31 - 111*				
2-Fluorobiphenyl	*69*	*38 - 109*				
2,4,6-Tribromophenol	*76*	*27 - 127*				
Terphenyl-d14	*84*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0814S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.493**	**0.564**	0.667	0.667	74	85	20 - 120	13	30	
2-Methylnaphthalene	**0.483**	**0.532**	0.667	0.667	72	80	20 - 120	10	30	
1-Methylnaphthalene	**0.482**	**0.569**	0.667	0.667	72	85	20 - 120	17	30	
Dimethylphthalate	**0.508**	**0.596**	0.667	0.667	76	89	20 - 120	16	30	
Acenaphthylene	**0.484**	**0.573**	0.667	0.667	73	86	20 - 120	17	30	
Acenaphthene	**0.479**	**0.554**	0.667	0.667	72	83	55 - 101	15	20	
Diethylphthalate	**0.474**	**0.594**	0.667	0.667	71	89	20 - 120	22	30	
Fluorene	**0.492**	**0.591**	0.667	0.667	74	89	20 - 120	18	30	
Phenanthrene	**0.500**	**0.580**	0.667	0.667	75	87	20 - 120	15	30	
Anthracene	**0.533**	**0.590**	0.667	0.667	80	88	20 - 120	10	30	
Di-n-butylphthalate	**0.510**	**0.605**	0.667	0.667	76	91	20 - 120	17	30	
Fluoranthene	**0.530**	**0.580**	0.667	0.667	79	87	20 - 120	9	30	
Pyrene	**0.528**	**0.624**	0.667	0.667	79	94	53 - 113	17	20	
Butylbenzylphthalate	**0.555**	**0.644**	0.667	0.667	83	97	20 - 120	15	30	
Benzo[a]anthracene	**0.492**	**0.566**	0.667	0.667	74	85	20 - 120	14	30	
Chrysene	**0.498**	**0.580**	0.667	0.667	75	87	20 - 120	15	30	
bis(2-Ethylhexyl)phthalate	**0.542**	**0.627**	0.667	0.667	81	94	20 - 120	15	30	
Di-n-octylphthalate	**0.565**	**0.619**	0.667	0.667	85	93	20 - 120	9	30	
Benzo[b]fluoranthene	**0.510**	**0.578**	0.667	0.667	76	87	20 - 120	13	30	
Benzo(j,k)fluoranthene	**0.490**	**0.595**	0.667	0.667	73	89	20 - 120	19	30	
Benzo[a]pyrene	**0.505**	**0.569**	0.667	0.667	76	85	20 - 120	12	30	
Indeno[1,2,3-cd]pyrene	**0.489**	**0.566**	0.667	0.667	73	85	20 - 120	15	30	
Dibenz[a,h]anthracene	**0.489**	**0.562**	0.667	0.667	73	84	20 - 120	14	30	
Benzo[g,h,i]perylene	**0.506**	**0.548**	0.667	0.667	76	82	20 - 120	8	30	
Surrogate:										
2-Fluorophenol					*61*	*68*	*11 - 111*			
Phenol-d6					*74*	*77*	*26 - 117*			
Nitrobenzene-d5					*76*	*91*	*31 - 111*			
2-Fluorobiphenyl					*75*	*88*	*38 - 109*			
2,4,6-Tribromophenol					*68*	*83*	*27 - 127*			
Terphenyl-d14					*78*	*91*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-4-M**					
Laboratory ID:	08-116-01					
Total Solids	**21**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**MONT-4-R**					
Laboratory ID:	08-116-02					
Total Solids	**29**	0.50	SM 2540G	8-10-23	8-11-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 9, 2023
Laboratory Reference: 2308-116
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-133-01								
	ORIG	DUP							
Total Solids	**90.0**	**89.8**	NA	NA	NA	NA	0	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Page 1 of 1

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 08-116

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	Total solids 2540 G						
1	MONT-4-M	8/9/23	11:00	Sediment	1		X	X			X						
2	MONT-4-R	8/9/23	11:00	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole Underbrink Date 8/9/23 Received by Nichelle Griffin Date 8/9/23
Firm Herrera Time 1415 Firm OSE Time 1415
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

Initiated by: NB

OnSite Project Number: 08-116

Date Initiated: 8/9/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature:	18.4
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/9/23 / MONT-4 (Lab Ref. 2308-116)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	5	**≤14**	≤0.042% 0.042 %	NA	**NA**	101	**±20**	4	**≤ 20**	NS	**≤ 35**	OK	NONE
Copper	OK / EPA 6010D	NA	**NA**	78	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	78	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	5	**≤14**	<1	**≤40**	≤4 ug/kg 23 ug/kg	SURR 47-64	**SURR 11-127**	71-97	**20-120**	BS/BSD 8-22	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	5	**≤14**	<1	**≤40**	≤0.1 MG/KG 0.11 MG/KG	SURR 47-64	**SURR 11-127**	71-97	**20-120**	BS/BSD 8-22	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-142

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 11, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

Case Narrative

Samples were collected on August 11, 2023 and received by the laboratory on August 11, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-1-R**					
Laboratory ID:	08-142-02					
Total Organic Carbon	**1.4**	0.071	EPA 9060A	9-1-23	9-1-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0901S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	9-1-23	9-1-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-214-01								
	ORIG	DUP							
Total Organic Carbon	**1.49**	**1.57**	NA	NA	NA	NA	5	22	
SPIKE BLANK									
Laboratory ID:	SB0901S1								
	SB		SB		SB				
Total Organic Carbon	**42.3**		42.1	NA	100	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-1-M**					
Laboratory ID:	08-142-01					
Copper	**24**	9.2	EPA 6010D	10-26-23	10-26-23	
Zinc	**81**	23	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-1-R**					
Laboratory ID:	08-142-02					
Naphthalene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Dimethylphthalate	**ND**	0.036	EPA 8270E	8-14-23	8-14-23	
Acenaphthylene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Acenaphthene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Diethylphthalate	**ND**	0.036	EPA 8270E	8-14-23	8-14-23	
Fluorene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Phenanthrene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Anthracene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Di-n-butylphthalate	**ND**	0.036	EPA 8270E	8-14-23	8-14-23	
Fluoranthene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Pyrene	**0.0081**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Butylbenzylphthalate	**ND**	0.036	EPA 8270E	8-14-23	8-14-23	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Chrysene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.036	EPA 8270E	8-14-23	8-14-23	
Di-n-octylphthalate	**ND**	0.036	EPA 8270E	8-14-23	8-14-23	
Benzo[b]fluoranthene	**0.0096**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo(j,k)fluoranthene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[a]pyrene	**0.010**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Indeno[1,2,3-cd]pyrene	**0.0073**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270E/SIM	8-14-23	8-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*47*	*11 - 111*				
Phenol-d6	*56*	*26 - 117*				
Nitrobenzene-d5	*43*	*31 - 111*				
2-Fluorobiphenyl	*51*	*38 - 109*				
2,4,6-Tribromophenol	*78*	*27 - 127*				
Terphenyl-d14	*68*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Di-n-butylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	8-14-23	8-14-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	8-14-23	8-14-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*11 - 111*				
Phenol-d6	*73*	*26 - 117*				
Nitrobenzene-d5	*67*	*31 - 111*				
2-Fluorobiphenyl	*69*	*38 - 109*				
2,4,6-Tribromophenol	*76*	*27 - 127*				
Terphenyl-d14	*84*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0814S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.493**	**0.564**	0.667	0.667	74	85	20 - 120	13	30	
2-Methylnaphthalene	**0.483**	**0.532**	0.667	0.667	72	80	20 - 120	10	30	
1-Methylnaphthalene	**0.482**	**0.569**	0.667	0.667	72	85	20 - 120	17	30	
Dimethylphthalate	**0.508**	**0.596**	0.667	0.667	76	89	20 - 120	16	30	
Acenaphthylene	**0.484**	**0.573**	0.667	0.667	73	86	20 - 120	17	30	
Acenaphthene	**0.479**	**0.554**	0.667	0.667	72	83	55 - 101	15	20	
Diethylphthalate	**0.474**	**0.594**	0.667	0.667	71	89	20 - 120	22	30	
Fluorene	**0.492**	**0.591**	0.667	0.667	74	89	20 - 120	18	30	
Phenanthrene	**0.500**	**0.580**	0.667	0.667	75	87	20 - 120	15	30	
Anthracene	**0.533**	**0.590**	0.667	0.667	80	88	20 - 120	10	30	
Di-n-butylphthalate	**0.510**	**0.605**	0.667	0.667	76	91	20 - 120	17	30	
Fluoranthene	**0.530**	**0.580**	0.667	0.667	79	87	20 - 120	9	30	
Pyrene	**0.528**	**0.624**	0.667	0.667	79	94	53 - 113	17	20	
Butylbenzylphthalate	**0.555**	**0.644**	0.667	0.667	83	97	20 - 120	15	30	
Benzo[a]anthracene	**0.492**	**0.566**	0.667	0.667	74	85	20 - 120	14	30	
Chrysene	**0.498**	**0.580**	0.667	0.667	75	87	20 - 120	15	30	
bis(2-Ethylhexyl)phthalate	**0.542**	**0.627**	0.667	0.667	81	94	20 - 120	15	30	
Di-n-octylphthalate	**0.565**	**0.619**	0.667	0.667	85	93	20 - 120	9	30	
Benzo[b]fluoranthene	**0.510**	**0.578**	0.667	0.667	76	87	20 - 120	13	30	
Benzo(j,k)fluoranthene	**0.490**	**0.595**	0.667	0.667	73	89	20 - 120	19	30	
Benzo[a]pyrene	**0.505**	**0.569**	0.667	0.667	76	85	20 - 120	12	30	
Indeno[1,2,3-cd]pyrene	**0.489**	**0.566**	0.667	0.667	73	85	20 - 120	15	30	
Dibenz[a,h]anthracene	**0.489**	**0.562**	0.667	0.667	73	84	20 - 120	14	30	
Benzo[g,h,i]perylene	**0.506**	**0.548**	0.667	0.667	76	82	20 - 120	8	30	
Surrogate:										
2-Fluorophenol					*61*	*68*	*11 - 111*			
Phenol-d6					*74*	*77*	*26 - 117*			
Nitrobenzene-d5					*76*	*91*	*31 - 111*			
2-Fluorobiphenyl					*75*	*88*	*38 - 109*			
2,4,6-Tribromophenol					*68*	*83*	*27 - 127*			
Terphenyl-d14					*78*	*91*	*37 - 116*			

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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-1-M**					
Laboratory ID:	08-142-01					
Total Solids	**11**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**SIDL-1-R**					
Laboratory ID:	08-142-02					
Total Solids	**66**	0.50	SM 2540G	8-14-23	8-15-23	

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Date of Report: November 13, 2023
Samples Submitted: August 11, 2023
Laboratory Reference: 2308-142
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-142-02								
	ORIG	DUP							
Total Solids	**66.1**	**55.6**	NA	NA	NA	NA	17	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

CHAIN OF CUSTODY

Page 1 of 1

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses 08-142

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	Total solids 2540G						
1	SIDL-1-M	8/11/23	10:00	Sediment	1		X	X			X						
2	SIDL-1-R	8/11/23	10:00	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole Vandeutte Date 8/11/23 Received by Nicole [illegible] Date 8/11/23

Firm Herrera Time 1456 Firm OSE Time 1456

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 08-142

Initiated by: MW

Date Initiated: 8/11/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature: 18	
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4	
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4	
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4	
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4	
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4	
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4	
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4	
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4	
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4	

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/11/23 / SIDL-1 (Lab Ref. 2308-142)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	21	**≤14**	≤0.042% 0.042 %	NA	**NA**	100	**±20**	5	**≤ 20**	NS	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS.
Copper	OK / EPA 6010D	NA	**NA**	76	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	76	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	3	**≤14**	<1	**≤40**	≤4 ug/kg 7.2 ug/kg	SURR 43-78	**SURR 11-127**	71-97	**20-120**	BS/BSD 8-22	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	3	**≤14**	<1	**≤40**	≤0.02 MG/KG 0.04 MG/KG	SURR 43-78	**SURR 11-127**	71-97	**20-120**	BS/BSD 8-22	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-173

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 16, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

Case Narrative

Samples were collected on August 16, 2023 and received by the laboratory on August 16, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Semivolatiles EPA 8270E/SIM Analysis

The RPD for Pyrene is outside the control limits for the Spike Blank/Spike Blank Duplicate. The percent recoveries on both spike blanks are within recovery limits. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRV-1R-2023**					
Laboratory ID:	08-173-01					
Total Organic Carbon	**2.5**	0.079	EPA 9060A	9-1-23	9-1-23	

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0901S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	9-1-23	9-1-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-214-01								
	ORIG	DUP							
Total Organic Carbon	**1.49**	**1.57**	NA	NA	NA	NA	5	22	
SPIKE BLANK									
Laboratory ID:	SB0901S1								
	SB		SB		SB				
Total Organic Carbon	**42.3**		42.1	NA	100	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRV-1M-2023**					
Laboratory ID:	08-173-02					
Copper	**30**	4.3	EPA 6010D	10-26-23	10-26-23	
Zinc	**460**	11	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRV-1R-2023**					
Laboratory ID:	08-173-01					
Naphthalene	**0.11**	0.10	EPA 8270E	8-17-23	8-17-23	
2-Methylnaphthalene	**ND**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
1-Methylnaphthalene	**ND**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Dimethylphthalate	**ND**	0.10	EPA 8270E	8-17-23	8-17-23	
Acenaphthylene	**ND**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Acenaphthene	**0.0064**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Diethylphthalate	**ND**	0.10	EPA 8270E	8-17-23	8-17-23	
Fluorene	**0.012**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Phenanthrene	**0.19**	0.10	EPA 8270E	8-17-23	8-17-23	
Anthracene	**0.025**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Di-n-butylphthalate	**ND**	0.20	EPA 8270E	8-17-23	8-17-23	
Fluoranthene	**0.26**	0.10	EPA 8270E	8-17-23	8-17-23	
Pyrene	**0.20**	0.10	EPA 8270E	8-17-23	8-17-23	
Butylbenzylphthalate	**ND**	0.10	EPA 8270E	8-17-23	8-17-23	
Benzo[a]anthracene	**0.11**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Chrysene	**0.11**	0.10	EPA 8270E	8-17-23	8-17-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.20	EPA 8270E	8-17-23	8-17-23	
Di-n-octylphthalate	**ND**	0.20	EPA 8270E	8-17-23	8-17-23	
Benzo[b]fluoranthene	**0.11**	0.10	EPA 8270E	8-17-23	8-17-23	
Benzo(j,k)fluoranthene	**0.050**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Benzo[a]pyrene	**0.11**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Indeno[1,2,3-cd]pyrene	**0.091**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Dibenz[a,h]anthracene	**0.022**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Benzo[g,h,i]perylene	**0.082**	0.0050	EPA 8270E/SIM	8-17-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*32*	*11 - 111*				
Phenol-d6	*39*	*26 - 117*				
Nitrobenzene-d5	*34*	*31 - 111*				
2-Fluorobiphenyl	*41*	*38 - 109*				
2,4,6-Tribromophenol	*56*	*27 - 127*				
Terphenyl-d14	*48*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S1					
Naphthalene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
2-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
1-Methylnaphthalene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	8-17-23	8-17-23	
Acenaphthylene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Acenaphthene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	8-17-23	8-17-23	
Fluorene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Phenanthrene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Anthracene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	8-17-23	8-17-23	
Fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Pyrene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	8-17-23	8-17-23	
Benzo[a]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Chrysene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	8-17-23	8-17-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	8-17-23	8-17-23	
Benzo[b]fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Benzo(j,k)fluoranthene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Benzo[a]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Dibenz[a,h]anthracene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Benzo[g,h,i]perylene	**ND**	0.0020	EPA 8270E/SIM	8-17-23	8-17-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*49*	*11 - 111*				
Phenol-d6	*53*	*26 - 117*				
Nitrobenzene-d5	*48*	*31 - 111*				
2-Fluorobiphenyl	*67*	*38 - 109*				
2,4,6-Tribromophenol	*64*	*27 - 127*				
Terphenyl-d14	*65*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0817S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.404**	**0.521**	0.667	0.667	61	78	20 - 120	25	30	
2-Methylnaphthalene	**0.457**	**0.533**	0.667	0.667	69	80	20 - 120	15	30	
1-Methylnaphthalene	**0.464**	**0.537**	0.667	0.667	70	81	20 - 120	15	30	
Dimethylphthalate	**0.490**	**0.609**	0.667	0.667	73	91	20 - 120	22	30	
Acenaphthylene	**0.465**	**0.571**	0.667	0.667	70	86	20 - 120	20	30	
Acenaphthene	**0.480**	**0.566**	0.667	0.667	72	85	55 - 101	16	20	
Diethylphthalate	**0.484**	**0.617**	0.667	0.667	73	93	20 - 120	24	30	
Fluorene	**0.473**	**0.592**	0.667	0.667	71	89	20 - 120	22	30	
Phenanthrene	**0.507**	**0.569**	0.667	0.667	76	85	20 - 120	12	30	
Anthracene	**0.505**	**0.585**	0.667	0.667	76	88	20 - 120	15	30	
Di-n-butylphthalate	**0.527**	**0.604**	0.667	0.667	79	91	20 - 120	14	30	
Fluoranthene	**0.499**	**0.597**	0.667	0.667	75	90	20 - 120	18	30	
Pyrene	**0.448**	**0.560**	0.667	0.667	67	84	53 - 113	22	20	L
Butylbenzylphthalate	**0.483**	**0.578**	0.667	0.667	72	87	20 - 120	18	30	
Benzo[a]anthracene	**0.465**	**0.540**	0.667	0.667	70	81	20 - 120	15	30	
Chrysene	**0.477**	**0.558**	0.667	0.667	72	84	20 - 120	16	30	
bis(2-Ethylhexyl)phthalate	**0.498**	**0.571**	0.667	0.667	75	86	20 - 120	14	30	
Di-n-octylphthalate	**0.498**	**0.590**	0.667	0.667	75	88	20 - 120	17	30	
Benzo[b]fluoranthene	**0.490**	**0.595**	0.667	0.667	73	89	20 - 120	19	30	
Benzo(j,k)fluoranthene	**0.492**	**0.586**	0.667	0.667	74	88	20 - 120	17	30	
Benzo[a]pyrene	**0.478**	**0.579**	0.667	0.667	72	87	20 - 120	19	30	
Indeno[1,2,3-cd]pyrene	**0.503**	**0.620**	0.667	0.667	75	93	20 - 120	21	30	
Dibenz[a,h]anthracene	**0.493**	**0.606**	0.667	0.667	74	91	20 - 120	21	30	
Benzo[g,h,i]perylene	**0.503**	**0.590**	0.667	0.667	75	88	20 - 120	16	30	
Surrogate:										
2-Fluorophenol					*61*	*66*	*11 - 111*			
Phenol-d6					*68*	*71*	*26 - 117*			
Nitrobenzene-d5					*63*	*72*	*31 - 111*			
2-Fluorobiphenyl					*72*	*91*	*38 - 109*			
2,4,6-Tribromophenol					*80*	*92*	*27 - 127*			
Terphenyl-d14					*77*	*84*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**CTRV-1R-2023**					
Laboratory ID:	08-173-01					
Total Solids	**40**	0.50	SM 2540G	8-16-23	8-17-23	
Client ID:	**CTRV-1M-2023**					
Laboratory ID:	08-173-02					
Total Solids	**23**	0.50	SM 2540G	10-26-23	10-27-23	

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Date of Report: November 13, 2023
Samples Submitted: August 16, 2023
Laboratory Reference: 2308-173
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-165-09								
	ORIG	DUP							
Total Solids	**92.6**	**93.1**	NA	NA	NA	NA	1	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

CHAIN OF CUSTODY

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 08-173

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	% Moisture TM1 2540 G						
1	CTRV-1R-2023	8/16/23	09:00	Sediment	1	X			X	X	X						
2	CTRV-1M-2023	8/16/23		Sediment	1		X	X			X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by N. Bartish Date 8/16/23 Received by _____ Date 8/16/23

Firm HEC Time 12:30 Firm OSE Time 1230

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 08-173

Initiated by: MV

Date Initiated: 8/16/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature:	13
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/16/23 / CTRY-1 (Lab Ref. 2308-173)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	16	**≤14**	≤0.042% 0.042 %	NA	**NA**	100	**±20**	5	**≤ 20**	NS	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS
Copper	OK / EPA 6010D	NA	**NA**	71	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	71	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	1	**≤14**	<1	**≤40**	≤2 ug/kg 5-100 ug/kg	SURR 32-56	**SURR 11-127**	61-93	**20-120**	BS/BSD 12-25	**≤40**	NS	**≤ 50**	OK	THE LAB RPD LIMIT WAS SLIGHTLY EXCEEDED FOR PYRENE (22 VS 20%) BUT WAS WITHIN QAPP LIMITS, NO FLAG.
Phthalates	OK / EPA 8270E	1	**≤14**	<1	**≤40**	≤0.1 MG/KG 0.1-0.2 MG/KG	SURR 32-56	**SURR 11-127**	61-93	**20-120**	BS/BSD 12-25	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-214

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 18, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

Case Narrative

Samples were collected on August 18, 2023 and received by the laboratory on August 18, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Semivolatiles EPA 8270E/SIM Analysis

Sample SIDL-2-R had one surrogate recovery outside of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Bis(2-Ethylhexyl)phthalate was found in the method blank. Sample SIDL-2-R was non-detect for that compound. There was not enough sample for re-extraction; therefore, no further action was taken.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-2-R**					
Laboratory ID:	08-214-01					
Total Organic Carbon	**1.5**	0.069	EPA 9060A	9-1-23	9-1-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0901S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	9-1-23	9-1-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-214-01								
	ORIG	DUP							
Total Organic Carbon	**1.49**	**1.57**	NA	NA	NA	NA	5	22	
SPIKE BLANK									
Laboratory ID:	SB0901S1								
	SB		SB		SB				
Total Organic Carbon	**42.3**		42.1	NA	100	90-110	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-2-M**					
Laboratory ID:	08-214-02					
Copper	**18**	3.9	EPA 6010D	10-26-23	10-26-23	
Zinc	**45**	9.9	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-2-R**					
Laboratory ID:	08-214-01					
Naphthalene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
2-Methylnaphthalene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
1-Methylnaphthalene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Dimethylphthalate	**ND**	0.027	EPA 8270E	8-30-23	8-31-23	
Acenaphthylene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Acenaphthene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Diethylphthalate	**ND**	0.027	EPA 8270E	8-30-23	8-31-23	
Fluorene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Phenanthrene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Anthracene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Di-n-butylphthalate	**ND**	0.081	EPA 8270E	8-30-23	8-31-23	
Fluoranthene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Pyrene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Butylbenzylphthalate	**ND**	0.027	EPA 8270E	8-30-23	8-31-23	
Benzo[a]anthracene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Chrysene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.081	EPA 8270E	8-30-23	8-31-23	
Di-n-octylphthalate	**ND**	0.027	EPA 8270E	8-30-23	8-31-23	
Benzo[b]fluoranthene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo(j,k)fluoranthene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[a]pyrene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Dibenz[a,h]anthracene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[g,h,i]perylene	**ND**	0.0054	EPA 8270E/SIM	8-30-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*29*	*11 - 111*				
Phenol-d6	*42*	*26 - 117*				
Nitrobenzene-d5	*29*	*31 - 111*				Q
2-Fluorobiphenyl	*51*	*38 - 109*				
2,4,6-Tribromophenol	*57*	*27 - 127*				
Terphenyl-d14	*58*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Dimethylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Diethylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Di-n-butylphthalate	**ND**	0.050	EPA 8270E	8-30-23	8-31-23	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Butylbenzylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
bis(2-Ethylhexyl)phthalate	**0.33**	0.050	EPA 8270E	8-30-23	8-31-23	
Di-n-octylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*11 - 111*				
Phenol-d6	*72*	*26 - 117*				
Nitrobenzene-d5	*68*	*31 - 111*				
2-Fluorobiphenyl	*92*	*38 - 109*				
2,4,6-Tribromophenol	*80*	*27 - 127*				
Terphenyl-d14	*83*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0830S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.470**	**0.472**	0.667	0.667	70	71	20 - 120	0	30	
2-Methylnaphthalene	**0.505**	**0.495**	0.667	0.667	76	74	20 - 120	2	30	
1-Methylnaphthalene	**0.504**	**0.496**	0.667	0.667	76	74	20 - 120	2	30	
Dimethylphthalate	**0.500**	**0.577**	0.667	0.667	75	87	20 - 120	14	30	
Acenaphthylene	**0.514**	**0.564**	0.667	0.667	77	85	20 - 120	9	30	
Acenaphthene	**0.478**	**0.544**	0.667	0.667	72	82	55 - 101	13	20	
Diethylphthalate	**0.553**	**0.589**	0.667	0.667	83	88	20 - 120	6	30	
Fluorene	**0.526**	**0.555**	0.667	0.667	79	83	20 - 120	5	30	
Phenanthrene	**0.553**	**0.533**	0.667	0.667	83	80	20 - 120	4	30	
Anthracene	**0.560**	**0.557**	0.667	0.667	84	84	20 - 120	1	30	
Di-n-butylphthalate	**0.573**	**0.541**	0.667	0.667	86	81	20 - 120	6	30	
Fluoranthene	**0.573**	**0.562**	0.667	0.667	86	84	20 - 120	2	30	
Pyrene	**0.561**	**0.561**	0.667	0.667	84	84	53 - 113	0	20	
Butylbenzylphthalate	**0.525**	**0.532**	0.667	0.667	79	80	20 - 120	1	30	
Benzo[a]anthracene	**0.543**	**0.547**	0.667	0.667	81	82	20 - 120	1	30	
Chrysene	**0.559**	**0.554**	0.667	0.667	84	83	20 - 120	1	30	
bis(2-Ethylhexyl)phthalate	**0.542**	**0.553**	0.667	0.667	81	83	20 - 120	2	30	
Di-n-octylphthalate	**0.554**	**0.541**	0.667	0.667	83	81	20 - 120	2	30	
Benzo[b]fluoranthene	**0.595**	**0.570**	0.667	0.667	89	85	20 - 120	4	30	
Benzo(j,k)fluoranthene	**0.574**	**0.570**	0.667	0.667	86	85	20 - 120	1	30	
Benzo[a]pyrene	**0.570**	**0.539**	0.667	0.667	85	81	20 - 120	6	30	
Indeno[1,2,3-cd]pyrene	**0.557**	**0.545**	0.667	0.667	84	82	20 - 120	2	30	
Dibenz[a,h]anthracene	**0.564**	**0.546**	0.667	0.667	85	82	20 - 120	3	30	
Benzo[g,h,i]perylene	**0.569**	**0.531**	0.667	0.667	85	80	20 - 120	7	30	
Surrogate:										
2-Fluorophenol					*63*	*64*	*11 - 111*			
Phenol-d6					*69*	*67*	*26 - 117*			
Nitrobenzene-d5					*65*	*65*	*31 - 111*			
2-Fluorobiphenyl					*76*	*83*	*38 - 109*			
2,4,6-Tribromophenol					*77*	*79*	*27 - 127*			
Terphenyl-d14					*85*	*85*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-2-R**					
Laboratory ID:	08-214-01					
Total Solids	**47**	0.50	SM 2540G	8-23-23	8-24-23	
Client ID:	**SIDL-2-M**					
Laboratory ID:	08-214-02					
Total Solids	**25**	0.50	SM 2540G	10-26-23	10-27-23	

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-214
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-241-01								
	ORIG	DUP							
Total Solids	**96.5**	**96.4**	NA	NA	NA	NA	0	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

CHAIN OF CUSTODY

08-214

Page 1 of 1

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	% Total Solids @ 2540 G						
1	SIDL-2-R	8/18/23	10:00	Sediment	1	X			X	X	X						
2	SIDL-2-M	8/18/23	10:00	Sediment	1		X	X			X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
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				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole Vanderhoop Date 8/18/23 Received by _____ Date 8/18/23

Firm Herrera Time 1334 Firm OSE Time 1334

Relinquished by _____ Date 8/18/23 Received by KP Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

Initiated by: KP

OnSite Project Number: 08-214

Date Initiated: 8/18/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	Yes	(No)	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature:	20°
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/18/23 / SIDL-2 (Lab Ref. 2308-214)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	14	**≤14**	≤0.042% 0.042 %	NA	**NA**	100	**±20**	5	**≤ 20**	NS	**≤ 35**	OK	NONE
Copper	OK / EPA 6010D	NA	**NA**	69	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	69	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	12	**≤14**	1	**≤40**	≤6.7 ug/kg 5.4 ug/kg	SURR 29-58	**SURR 11-127**	70-89	**20-120**	BS/BSD <1-14	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	12	**≤14**	1	**≤40**	0.33, <0.01 MG/KG 0.03-0.08 MG/KG	SURR 29-58	**SURR 11-127**	70-89	**20-120**	BS/BSD <1-14	**≤40**	NS	**≤ 50**	OK	NO FLAG FOR BEHP DETECTED IN MB, UNDETECTED IN SAMPLE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-213

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 18, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

Case Narrative

Samples were collected on August 18, 2023 and received by the laboratory on August 18, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Semivolatiles EPA 8270E/SIM Analysis

Bis(2-Ethylhexyl)phthalate was found in the method blank. Sample TYLR-2R-2027 was non-detect for that compound. There was not enough sample for re-extraction; therefore, no further action was taken.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-2M-2023**					
Laboratory ID:	08-213-01					
Copper	**58**	7.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**870**	17	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-2R-2023**					
Laboratory ID:	08-213-02					
Naphthalene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
2-Methylnaphthalene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
1-Methylnaphthalene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Dimethylphthalate	**ND**	0.15	EPA 8270E	8-30-23	8-31-23	
Acenaphthylene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Acenaphthene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Diethylphthalate	**ND**	0.15	EPA 8270E	8-30-23	8-31-23	
Fluorene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Phenanthrene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Anthracene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Di-n-butylphthalate	**ND**	0.15	EPA 8270E	8-30-23	8-31-23	
Fluoranthene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Pyrene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Butylbenzylphthalate	**ND**	0.15	EPA 8270E	8-30-23	8-31-23	
Benzo[a]anthracene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Chrysene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.15	EPA 8270E	8-30-23	8-31-23	
Di-n-octylphthalate	**ND**	0.15	EPA 8270E	8-30-23	8-31-23	
Benzo[b]fluoranthene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo(j,k)fluoranthene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[a]pyrene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Dibenz[a,h]anthracene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[g,h,i]perylene	**ND**	0.029	EPA 8270E/SIM	8-30-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*11 - 111*				
Phenol-d6	*46*	*26 - 117*				
Nitrobenzene-d5	*40*	*31 - 111*				
2-Fluorobiphenyl	*53*	*38 - 109*				
2,4,6-Tribromophenol	*64*	*27 - 127*				
Terphenyl-d14	*57*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Dimethylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Diethylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Di-n-butylphthalate	**ND**	0.030	EPA 8270E	8-30-23	8-31-23	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Butylbenzylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
bis(2-Ethylhexyl)phthalate	**0.33**	0.010	EPA 8270E	8-30-23	8-31-23	
Di-n-octylphthalate	**ND**	0.010	EPA 8270E	8-30-23	8-31-23	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	8-30-23	8-31-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*11 - 111*				
Phenol-d6	*72*	*26 - 117*				
Nitrobenzene-d5	*68*	*31 - 111*				
2-Fluorobiphenyl	*92*	*38 - 109*				
2,4,6-Tribromophenol	*80*	*27 - 127*				
Terphenyl-d14	*83*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0830S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.470**	**0.472**	0.667	0.667	70	71	20 - 120	0	30	
2-Methylnaphthalene	**0.505**	**0.495**	0.667	0.667	76	74	20 - 120	2	30	
1-Methylnaphthalene	**0.504**	**0.496**	0.667	0.667	76	74	20 - 120	2	30	
Dimethylphthalate	**0.500**	**0.577**	0.667	0.667	75	87	20 - 120	14	30	
Acenaphthylene	**0.514**	**0.564**	0.667	0.667	77	85	20 - 120	9	30	
Acenaphthene	**0.478**	**0.544**	0.667	0.667	72	82	55 - 101	13	20	
Diethylphthalate	**0.553**	**0.589**	0.667	0.667	83	88	20 - 120	6	30	
Fluorene	**0.526**	**0.555**	0.667	0.667	79	83	20 - 120	5	30	
Phenanthrene	**0.553**	**0.533**	0.667	0.667	83	80	20 - 120	4	30	
Anthracene	**0.560**	**0.557**	0.667	0.667	84	84	20 - 120	1	30	
Di-n-butylphthalate	**0.573**	**0.541**	0.667	0.667	86	81	20 - 120	6	30	
Fluoranthene	**0.573**	**0.562**	0.667	0.667	86	84	20 - 120	2	30	
Pyrene	**0.561**	**0.561**	0.667	0.667	84	84	53 - 113	0	20	
Butylbenzylphthalate	**0.525**	**0.532**	0.667	0.667	79	80	20 - 120	1	30	
Benzo[a]anthracene	**0.543**	**0.547**	0.667	0.667	81	82	20 - 120	1	30	
Chrysene	**0.559**	**0.554**	0.667	0.667	84	83	20 - 120	1	30	
bis(2-Ethylhexyl)phthalate	**0.542**	**0.553**	0.667	0.667	81	83	20 - 120	2	30	
Di-n-octylphthalate	**0.554**	**0.541**	0.667	0.667	83	81	20 - 120	2	30	
Benzo[b]fluoranthene	**0.595**	**0.570**	0.667	0.667	89	85	20 - 120	4	30	
Benzo(j,k)fluoranthene	**0.574**	**0.570**	0.667	0.667	86	85	20 - 120	1	30	
Benzo[a]pyrene	**0.570**	**0.539**	0.667	0.667	85	81	20 - 120	6	30	
Indeno[1,2,3-cd]pyrene	**0.557**	**0.545**	0.667	0.667	84	82	20 - 120	2	30	
Dibenz[a,h]anthracene	**0.564**	**0.546**	0.667	0.667	85	82	20 - 120	3	30	
Benzo[g,h,i]perylene	**0.569**	**0.531**	0.667	0.667	85	80	20 - 120	7	30	
Surrogate:										
2-Fluorophenol					*63*	*64*	*11 - 111*			
Phenol-d6					*69*	*67*	*26 - 117*			
Nitrobenzene-d5					*65*	*65*	*31 - 111*			
2-Fluorobiphenyl					*76*	*83*	*38 - 109*			
2,4,6-Tribromophenol					*77*	*79*	*27 - 127*			
Terphenyl-d14					*85*	*85*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TYLR-2M-2023**					
Laboratory ID:	08-213-01					
Total Solids	**14**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**TYLR-2R-2023**					
Laboratory ID:	08-213-02					
Total Solids	**16**	0.50	SM 2540G	8-23-23	8-24-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: August 18, 2023
Laboratory Reference: 2308-213
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-241-01								
	ORIG	DUP							
Total Solids	**96.5**	**96.4**	NA	NA	NA	NA	0	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Oct 6 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
TYLR-2R-2023	Sludge	23-A015348	DEM

Your sample was received on Monday, September 11, 2023. At the time of receipt, the sample was logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2331180

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
SDG Number: 2331180
Project #: 14-05806-000
All results reported on an as received basis.

Date Received: 09/11/23
Date Reported: 10/ 6/23

AMTEST Identification Number **23-A015348**
Client Identification **TYLR-2R-2023**
Sampling Date **08/18/23, 10:00**

Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Organic Carbon	7.2	%		0.05	SW 846 9060	NNL	10/05/23

Case Narrative:

All TOC soil samples were run in quadruplicate and reported as an average of the four readings.

No further corrective action was taken.

Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample number: 23-A015348

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Organic Carbon	%	47.	42.	89.4 %
Total Organic Carbon	%	47.	43.	91.5 %

BLANKS

ANALYTE	UNITS	RESULT
Total Organic Carbon	%	< 0.05
Total Organic Carbon	%	< 0.05

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 08-213

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 14-05806-000

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
153018	STYLR-2R-2023	8/18/23	10:00	Sediment	1	Total Organic Carbon EPA 9060A

	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	9/11/23	3:15 PM	T=4.6°C
Received by:	Amtest	9/11/23	1515	
Relinquished by:				EDDs
Received by:				
Relinquished by:				
Received by:				

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

CHAIN OF CUSTODY

Laboratory No. 08-213

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses: Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	total solids 2540 G						
1	TYLR-2M-2023	8/18/23	10:00	Sediment	1		x	x			x						
2	TYLR-2R-2023	"	"	Sediment	1	x			x	x	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by N. Bates Date 8/18/23 Received by _____ Date 8/18/23

Firm HEC Time 13:06 Firm OSE Time 1306

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 08-213

Initiated by: MW

Date Initiated: 8/18/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	6
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/18/23 / TYLR-2 (Lab Ref. 2308-213)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	48	**≤14**	≤0.05% / 0.042 %	NA	**NA**	90, 92	**±20**	NA	**≤ 20**	NS	**≤ 35**	OK	FLAG J FOR HOLDING TIME EXCEEDANCE
Copper	OK / EPA 6010D	NA	**NA**	69	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	69	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	12	**≤14**	1	**≤40**	≤6.7 ug/kg / 6.7 ug/kg	SURR 39-64	**SURR 11-127**	70-89	**20-120**	BS/BSD <1-14	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	12	**≤14**	1	**≤40**	0.33, <0.01 MG/KG / 0.1-0.3 MG/KG	SURR 39-64	**SURR 11-127**	70-89	**20-120**	BS/BSD <1-14	**≤40**	NS	**≤ 50**	OK	NO FLAG FOR BEHP DETECTED IN MB, UNDETECTED IN SAMPLE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 28, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-278

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 24, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 28, 2023
Samples Submitted: August 24, 2023
Laboratory Reference: 2308-278
Project: 14-05806-000

Case Narrative

Samples were collected on August 24, 2023 and received by the laboratory on August 24, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Samples Submitted: August 24, 2023
Laboratory Reference: 2308-278
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-2M**					
Laboratory ID:	08-278-01					
Copper	**32**	2.7	EPA 6010D	10-26-23	10-26-23	
Zinc	**830**	6.7	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 28, 2023
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Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-2R**					
Laboratory ID:	08-278-02					
Naphthalene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
2-Methylnaphthalene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
1-Methylnaphthalene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Dimethylphthalate	**ND**	0.13	EPA 8270E	9-6-23	9-7-23	
Acenaphthylene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Acenaphthene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Diethylphthalate	**ND**	0.13	EPA 8270E	9-6-23	9-7-23	
Fluorene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Phenanthrene	**0.025**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Anthracene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Di-n-butylphthalate	**ND**	0.13	EPA 8270E	9-6-23	9-7-23	
Fluoranthene	**0.044**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Pyrene	**0.034**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Butylbenzylphthalate	**ND**	0.13	EPA 8270E	9-6-23	9-7-23	
Benzo[a]anthracene	**0.015**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Chrysene	**0.020**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.13	EPA 8270E	9-6-23	9-7-23	
Di-n-octylphthalate	**ND**	0.13	EPA 8270E	9-6-23	9-7-23	
Benzo[b]fluoranthene	**0.028**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Benzo(j,k)fluoranthene	**0.0079**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Benzo[a]pyrene	**0.019**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Indeno[1,2,3-cd]pyrene	**0.014**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Dibenz[a,h]anthracene	**ND**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Benzo[g,h,i]perylene	**0.014**	0.0066	EPA 8270E/SIM	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*46*	*11 - 111*				
Phenol-d6	*46*	*26 - 117*				
Nitrobenzene-d5	*44*	*31 - 111*				
2-Fluorobiphenyl	*60*	*38 - 109*				
2,4,6-Tribromophenol	*69*	*27 - 127*				
Terphenyl-d14	*67*	*37 - 116*				

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Samples Submitted: August 24, 2023
Laboratory Reference: 2308-278
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0906S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Di-n-butylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*11 - 111*				
Phenol-d6	*61*	*26 - 117*				
Nitrobenzene-d5	*59*	*31 - 111*				
2-Fluorobiphenyl	*76*	*38 - 109*				
2,4,6-Tribromophenol	*80*	*27 - 127*				
Terphenyl-d14	*80*	*37 - 116*				

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Laboratory Reference: 2308-278
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0906S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.475**	**0.448**	0.667	0.667	71	67	20 - 120	6	30	
2-Methylnaphthalene	**0.511**	**0.494**	0.667	0.667	77	74	20 - 120	3	30	
1-Methylnaphthalene	**0.510**	**0.488**	0.667	0.667	76	73	20 - 120	4	30	
Dimethylphthalate	**0.620**	**0.515**	0.667	0.667	93	77	20 - 120	19	30	
Acenaphthylene	**0.547**	**0.504**	0.667	0.667	82	76	20 - 120	8	30	
Acenaphthene	**0.583**	**0.503**	0.667	0.667	87	75	55 - 101	15	20	
Diethylphthalate	**0.632**	**0.524**	0.667	0.667	95	79	20 - 120	19	30	
Fluorene	**0.614**	**0.530**	0.667	0.667	92	79	20 - 120	15	30	
Phenanthrene	**0.593**	**0.488**	0.667	0.667	89	73	20 - 120	19	30	
Anthracene	**0.611**	**0.511**	0.667	0.667	92	77	20 - 120	18	30	
Di-n-butylphthalate	**0.604**	**0.507**	0.667	0.667	91	76	20 - 120	17	30	
Fluoranthene	**0.613**	**0.536**	0.667	0.667	92	80	20 - 120	13	30	
Pyrene	**0.543**	**0.487**	0.667	0.667	81	73	53 - 113	11	20	
Butylbenzylphthalate	**0.531**	**0.473**	0.667	0.667	80	71	20 - 120	12	30	
Benzo[a]anthracene	**0.536**	**0.491**	0.667	0.667	80	74	20 - 120	9	30	
Chrysene	**0.572**	**0.481**	0.667	0.667	86	72	20 - 120	17	30	
bis(2-Ethylhexyl)phthalate	**0.574**	**0.465**	0.667	0.667	86	70	20 - 120	21	30	
Di-n-octylphthalate	**0.539**	**0.471**	0.667	0.667	81	71	20 - 120	13	30	
Benzo[b]fluoranthene	**0.610**	**0.537**	0.667	0.667	91	81	20 - 120	13	30	
Benzo(j,k)fluoranthene	**0.613**	**0.543**	0.667	0.667	92	81	20 - 120	12	30	
Benzo[a]pyrene	**0.597**	**0.560**	0.667	0.667	90	84	20 - 120	6	30	
Indeno[1,2,3-cd]pyrene	**0.619**	**0.558**	0.667	0.667	93	84	20 - 120	10	30	
Dibenz[a,h]anthracene	**0.615**	**0.560**	0.667	0.667	92	84	20 - 120	9	30	
Benzo[g,h,i]perylene	**0.616**	**0.552**	0.667	0.667	92	83	20 - 120	11	30	
Surrogate:										
2-Fluorophenol					*61*	*57*	*11 - 111*			
Phenol-d6					*65*	*58*	*26 - 117*			
Nitrobenzene-d5					*61*	*56*	*31 - 111*			
2-Fluorobiphenyl					*84*	*77*	*38 - 109*			
2,4,6-Tribromophenol					*94*	*79*	*27 - 127*			
Terphenyl-d14					*86*	*74*	*37 - 116*			

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Date of Report: November 28, 2023
Samples Submitted: August 24, 2023
Laboratory Reference: 2308-278
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-2M**					
Laboratory ID:	08-278-01					
Total Solids	**38**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**TOSH-2R**					
Laboratory ID:	08-278-02					
Total Solids	**61**	0.50	SM 2540G	8-30-23	8-31-23	

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Laboratory Reference: 2308-278
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-276-01								
	ORIG	DUP							
Total Solids	**66.9**	**72.9**	NA	NA	NA	NA	9	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Nov 28 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
TOSH-2R	Soil	23-A016098	DEM

Your sample was received on Wednesday, September 20, 2023. At the time of receipt, the sample was logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 08-278
SDG #: 2331320

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
SDG Number: 2331320
Project #: 08-278
All results reported on an as received basis.

Date Received: 09/20/23
Date Reported: 11/28/23

AMTEST Identification Number **23-A016098**
Client Identification **TOSH-2R**
Sampling Date **08/24/23, 10:00**

Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Organic Carbon	2.0	%	R	0.05	SW 846 9060	NNL	11/16/23

R = The sample was analyzed outside of the method specified holding time.

Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample number: 23-A016098

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Organic Carbon	%	47.	45.	95.7 %

BLANKS

ANALYTE	UNITS	RESULT
Total Organic Carbon	%	< 0.5

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 08-278

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 14-05806-000

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
16098	TOSH-2R	8/24/23	10:00	Sediment	1	Total Organic Carbon

	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nicholas [illegible]	OSE	9/20/23	1239	3.9°C
Received by: SF	AmTest	9/20/23	1239	
Relinquished by:				EIM
Received by:				
Relinquished by:				
Received by:				

P.4

CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Laboratory No. 08-278

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	total solids 2540G						
1	TOSH-2M	8/24/23	11:00	Sediment	1		X	X			X						
2	TOSH-2R	8/24/23	10:00	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole VanBuskirk Date 8/24/23 Received by _____ Date 8/24/23
Firm Herrera Time 13:10 Firm ODE Time 1310

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 08-278

Initiated by: MV

Date Initiated: 8/24/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature:	15
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/30/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/24/23 / TOSH-2 (Lab Ref. 2308-278)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	84	**≤14**	≤0.042% 0.042 %	NA	**NA**	96	**±20**	NR	**≤ 20**	NS	**≤ 35**	OK	FLAG J FOR HOLDING TIME EXCEEDANCE
Copper	OK / EPA 6010D	NA	**NA**	63	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	63	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	13	**≤14**	1	**≤40**	≤4 ug/kg 6.6 UG/KG	SURR 44-67	**SURR 11-127**	67-95	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	13	**≤14**	1	**≤40**	≤0.02 MG/KG 0.13 MG/KG	SURR 44-67	**SURR 11-127**	67-95	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 28, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2308-312

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on August 28, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

Case Narrative

Samples were collected on August 28, 2023 and received by the laboratory on August 28, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-4M-2023**					
Laboratory ID:	08-312-01					
Copper	**55**	4.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**2000**	9.9	EPA 6010D	10-26-23	10-26-23	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-4R-2023**					
Laboratory ID:	08-312-02					
Naphthalene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
2-Methylnaphthalene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
1-Methylnaphthalene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Dimethylphthalate	**ND**	0.24	EPA 8270E	9-6-23	9-7-23	
Acenaphthylene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Acenaphthene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Diethylphthalate	**ND**	0.24	EPA 8270E	9-6-23	9-7-23	
Fluorene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Phenanthrene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Anthracene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Di-n-butylphthalate	**ND**	0.24	EPA 8270E	9-6-23	9-7-23	
Fluoranthene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Pyrene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Butylbenzylphthalate	**ND**	0.24	EPA 8270E	9-6-23	9-7-23	
Benzo[a]anthracene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Chrysene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.24	EPA 8270E	9-6-23	9-7-23	
Di-n-octylphthalate	**ND**	0.24	EPA 8270E	9-6-23	9-7-23	
Benzo[b]fluoranthene	**0.012**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Benzo(j,k)fluoranthene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Benzo[a]pyrene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Benzo[g,h,i]perylene	**0.013**	0.012	EPA 8270E/SIM	9-6-23	9-7-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*39*	*11 - 111*				
Phenol-d6	*44*	*26 - 117*				
Nitrobenzene-d5	*37*	*31 - 111*				
2-Fluorobiphenyl	*41*	*38 - 109*				
2,4,6-Tribromophenol	*55*	*27 - 127*				
Terphenyl-d14	*52*	*37 - 116*				

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Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0906S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Di-n-butylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-6-23	9-6-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-6-23	9-6-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*11 - 111*				
Phenol-d6	*61*	*26 - 117*				
Nitrobenzene-d5	*59*	*31 - 111*				
2-Fluorobiphenyl	*76*	*38 - 109*				
2,4,6-Tribromophenol	*80*	*27 - 127*				
Terphenyl-d14	*80*	*37 - 116*				

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Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0906S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.475**	**0.448**	0.667	0.667	71	67	20 - 120	6	30	
2-Methylnaphthalene	**0.511**	**0.494**	0.667	0.667	77	74	20 - 120	3	30	
1-Methylnaphthalene	**0.510**	**0.488**	0.667	0.667	76	73	20 - 120	4	30	
Dimethylphthalate	**0.620**	**0.515**	0.667	0.667	93	77	20 - 120	19	30	
Acenaphthylene	**0.547**	**0.504**	0.667	0.667	82	76	20 - 120	8	30	
Acenaphthene	**0.583**	**0.503**	0.667	0.667	87	75	55 - 101	15	20	
Diethylphthalate	**0.632**	**0.524**	0.667	0.667	95	79	20 - 120	19	30	
Fluorene	**0.614**	**0.530**	0.667	0.667	92	79	20 - 120	15	30	
Phenanthrene	**0.593**	**0.488**	0.667	0.667	89	73	20 - 120	19	30	
Anthracene	**0.611**	**0.511**	0.667	0.667	92	77	20 - 120	18	30	
Di-n-butylphthalate	**0.604**	**0.507**	0.667	0.667	91	76	20 - 120	17	30	
Fluoranthene	**0.613**	**0.536**	0.667	0.667	92	80	20 - 120	13	30	
Pyrene	**0.543**	**0.487**	0.667	0.667	81	73	53 - 113	11	20	
Butylbenzylphthalate	**0.531**	**0.473**	0.667	0.667	80	71	20 - 120	12	30	
Benzo[a]anthracene	**0.536**	**0.491**	0.667	0.667	80	74	20 - 120	9	30	
Chrysene	**0.572**	**0.481**	0.667	0.667	86	72	20 - 120	17	30	
bis(2-Ethylhexyl)phthalate	**0.574**	**0.465**	0.667	0.667	86	70	20 - 120	21	30	
Di-n-octylphthalate	**0.539**	**0.471**	0.667	0.667	81	71	20 - 120	13	30	
Benzo[b]fluoranthene	**0.610**	**0.537**	0.667	0.667	91	81	20 - 120	13	30	
Benzo(j,k)fluoranthene	**0.613**	**0.543**	0.667	0.667	92	81	20 - 120	12	30	
Benzo[a]pyrene	**0.597**	**0.560**	0.667	0.667	90	84	20 - 120	6	30	
Indeno[1,2,3-cd]pyrene	**0.619**	**0.558**	0.667	0.667	93	84	20 - 120	10	30	
Dibenz[a,h]anthracene	**0.615**	**0.560**	0.667	0.667	92	84	20 - 120	9	30	
Benzo[g,h,i]perylene	**0.616**	**0.552**	0.667	0.667	92	83	20 - 120	11	30	
Surrogate:										
2-Fluorophenol					*61*	*57*	*11 - 111*			
Phenol-d6					*65*	*58*	*26 - 117*			
Nitrobenzene-d5					*61*	*56*	*31 - 111*			
2-Fluorobiphenyl					*84*	*77*	*38 - 109*			
2,4,6-Tribromophenol					*94*	*79*	*27 - 127*			
Terphenyl-d14					*86*	*74*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-4M-2023**					
Laboratory ID:	08-312-01					
Total Solids	**25**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**TOSH-4R-2023**					
Laboratory ID:	08-312-02					
Total Solids	**33**	0.50	SM 2540G	8-30-23	8-31-23	

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Date of Report: November 28, 2023
Samples Submitted: August 28, 2023
Laboratory Reference: 2308-312
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	08-276-01								
	ORIG	DUP							
Total Solids	**66.9**	**72.9**	NA	NA	NA	NA	9	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Nov 28 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
TOSH-4R-2023	Soil	23-A016099	DEM

Your sample was received on Wednesday, September 20, 2023. At the time of receipt, the sample was logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron Young
Vice President

Project #: 08-312
SDG #: 2331320

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
SDG Number: 2331320
Project #: 08-312
All results reported on an as received basis.

Date Received: 09/20/23
Date Reported: 11/28/23

AMTEST Identification Number **23-A016099**
Client Identification **TOSH-4R-2023**
Sampling Date **08/28/23, 10:00**

Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Organic Carbon	5.8	%	R	0.05	SW 846 9060	NNL	11/16/23

R = The sample was analyzed outside of the method specified holding time.

Aaron Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample number: 23-A016099

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Organic Carbon	%	47.	45.	95.7 %

BLANKS

ANALYTE	UNITS	RESULT
Total Organic Carbon	%	< 0.5

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 08-312

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 14-05806-000

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
16099	TOSH-4R-2023	8/28/23	10:00	Sediment	1	Total Organic Carbon

	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	9/20/23	1239	3.9°C
Received by: SF	AmTest	9/20/23	1239	EIM
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

P.4

CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Page 1 of 1

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 08-312

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	TOC (PAH, Phth) 1540						
1	TOSH-4M-2023	8/24/23	[illegible]	Sediment	1		X	X			X						
2	TOSH-4R-2023		10:00	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nick Bartlett Date 8/24/23 Received by [signature] Date 8/28/23
Firm HEC Time 13:50 Firm OSE Time 1350
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05804-000

Initiated by: NB

OnSite Project Number: 08-312

Date Initiated: 8/28/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	No	(N/A)	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	Yes	(No)	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	5.4
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/30/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 8/28/23 / TOSH-4 (Lab Ref. 2308-312)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	80	**≤14**	≤0.042% 0.042 %	NA	**NA**	96	**±20**	NR	**≤ 20**	NS	**≤ 35**	OK	FLAG J FOR HOLDING TIME EXCEEDANCE
Copper	OK / EPA 6010D	NA	**NA**	59	**≤180**	≤1.0 MG/KG 4.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	59	**≤180**	≤2.5 mg/kg 9.9 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	9	**≤14**	1	**≤40**	≤4 ug/kg 12 UG/KG	SURR 37-55	**SURR 11-127**	67-95	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	9	**≤14**	1	**≤40**	≤0.02 MG/KG 0.24 MG/KG	SURR 37-55	**SURR 11-127**	67-95	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-042

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 7, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

Case Narrative

Samples were collected on September 7, 2023 and received by the laboratory on September 7, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-3-R**					
Laboratory ID:	09-042-02					
Total Organic Carbon	**1.6**	0.061	EPA 9060A	10-2-23	10-2-23	

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Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1002S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	10-2-23	10-2-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-077-09								
	ORIG	DUP							
Total Organic Carbon	**0.714**	**0.767**	NA	NA	NA	NA	7	22	
SPIKE BLANK									
Laboratory ID:	SB1002S1								
	SB		SB		SB				
Total Organic Carbon	**40.9**		42.1	NA	97	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-3-M**					
Laboratory ID:	09-042-01					
Copper	**25**	2.1	EPA 6010D	10-26-23	10-26-23	
Zinc	**660**	5.1	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-3-R**					
Laboratory ID:	09-042-02					
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Dimethylphthalate	**ND**	0.077	EPA 8270E	9-19-23	9-28-23	
Acenaphthylene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Acenaphthene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Diethylphthalate	**ND**	0.077	EPA 8270E	9-19-23	9-28-23	
Fluorene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Phenanthrene	**0.037**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Anthracene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Di-n-butylphthalate	**ND**	0.21	EPA 8270E	9-19-23	9-28-23	
Fluoranthene	**0.081**	0.077	EPA 8270E	9-19-23	9-28-23	
Pyrene	**0.062**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Butylbenzylphthalate	**ND**	0.077	EPA 8270E	9-19-23	9-28-23	
Benzo[a]anthracene	**0.033**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Chrysene	**0.040**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.21	EPA 8270E	9-19-23	9-28-23	
Di-n-octylphthalate	**ND**	0.077	EPA 8270E	9-19-23	9-28-23	
Benzo[b]fluoranthene	**0.052**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo(j,k)fluoranthene	**0.018**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[a]pyrene	**0.037**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**0.027**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[g,h,i]perylene	**0.028**	0.0077	EPA 8270E/SIM	9-19-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*11 - 111*				
Phenol-d6	*60*	*26 - 117*				
Nitrobenzene-d5	*61*	*31 - 111*				
2-Fluorobiphenyl	*54*	*38 - 109*				
2,4,6-Tribromophenol	*61*	*27 - 127*				
Terphenyl-d14	*49*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0919S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-19-23	9-19-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.022	EPA 8270E	9-19-23	9-19-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*48*	*11 - 111*				
Phenol-d6	*50*	*26 - 117*				
Nitrobenzene-d5	*48*	*31 - 111*				
2-Fluorobiphenyl	*64*	*38 - 109*				
2,4,6-Tribromophenol	*98*	*27 - 127*				
Terphenyl-d14	*81*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0919S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.422**	**0.349**	0.667	0.667	63	52	20 - 120	19	30	
2-Methylnaphthalene	**0.520**	**0.442**	0.667	0.667	78	66	20 - 120	16	30	
1-Methylnaphthalene	**0.483**	**0.393**	0.667	0.667	72	59	20 - 120	21	30	
Dimethylphthalate	**0.553**	**0.496**	0.667	0.667	83	74	20 - 120	11	30	
Acenaphthylene	**0.504**	**0.421**	0.667	0.667	76	63	20 - 120	18	30	
Acenaphthene	**0.484**	**0.430**	0.667	0.667	73	64	55 - 101	12	20	
Diethylphthalate	**0.513**	**0.461**	0.667	0.667	77	69	20 - 120	11	30	
Fluorene	**0.570**	**0.504**	0.667	0.667	85	76	20 - 120	12	30	
Phenanthrene	**0.524**	**0.474**	0.667	0.667	79	71	20 - 120	10	30	
Anthracene	**0.548**	**0.478**	0.667	0.667	82	72	20 - 120	14	30	
Di-n-butylphthalate	**0.489**	**0.430**	0.667	0.667	73	64	20 - 120	13	30	
Fluoranthene	**0.566**	**0.496**	0.667	0.667	85	74	20 - 120	13	30	
Pyrene	**0.523**	**0.459**	0.667	0.667	78	69	53 - 113	13	20	
Butylbenzylphthalate	**0.460**	**0.391**	0.667	0.667	69	59	20 - 120	16	30	
Benzo[a]anthracene	**0.547**	**0.482**	0.667	0.667	82	72	20 - 120	13	30	
Chrysene	**0.567**	**0.492**	0.667	0.667	85	74	20 - 120	14	30	
bis(2-Ethylhexyl)phthalate	**0.413**	**0.353**	0.667	0.667	62	53	20 - 120	16	30	
Di-n-octylphthalate	**0.456**	**0.390**	0.667	0.667	68	58	20 - 120	16	30	
Benzo[b]fluoranthene	**0.556**	**0.495**	0.667	0.667	83	74	20 - 120	12	30	
Benzo(j,k)fluoranthene	**0.583**	**0.544**	0.667	0.667	87	82	20 - 120	7	30	
Benzo[a]pyrene	**0.590**	**0.528**	0.667	0.667	88	79	20 - 120	11	30	
Indeno[1,2,3-cd]pyrene	**0.572**	**0.521**	0.667	0.667	86	78	20 - 120	9	30	
Dibenz[a,h]anthracene	**0.560**	**0.545**	0.667	0.667	84	82	20 - 120	3	30	
Benzo[g,h,i]perylene	**0.576**	**0.519**	0.667	0.667	86	78	20 - 120	10	30	
Surrogate:										
2-Fluorophenol					*65*	*54*	*11 - 111*			
Phenol-d6					*58*	*53*	*26 - 117*			
Nitrobenzene-d5					*62*	*55*	*31 - 111*			
2-Fluorobiphenyl					*76*	*77*	*38 - 109*			
2,4,6-Tribromophenol					*95*	*93*	*27 - 127*			
Terphenyl-d14					*84*	*82*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSH-3-M**					
Laboratory ID:	09-042-01					
Total Solids	**49**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**TOSH-3-R**					
Laboratory ID:	09-042-02					
Total Solids	**52**	0.50	SM 2540G	9-18-23	9-19-23	

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Date of Report: November 13, 2023
Samples Submitted: September 7, 2023
Laboratory Reference: 2309-042
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-093-01								
	ORIG	DUP							
Total Solids	**73.6**	**74.9**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

CHAIN OF CUSTODY

09-042

Page 1 of 1

Laboratory No.

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	Total Solids 2540G						
1	TOSH-3-M	9/7/23	10:00	Sediment	1		X	X			X						
2	TOSH-3-R	↓	10:00	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole Vanderlutt Date 9/7/23 Received by _____ Date 9/7/23
Firm Herrera Time 14:00 Firm OSE Time 1400
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 09-042

Initiated by: MV

Date Initiated: 3/7/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	Yes	(No)	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature: 17	
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 9/7/23 / TOSH-3 (Lab Ref. 2309-042)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	25	**≤14**	≤0.042% / 0.042 %	NA	**NA**	97	**±20**	7	**≤ 20**	NS	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS
Copper	OK / EPA 6010D	NA	**NA**	49	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	49	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	12	**≤14**	8	**≤40**	≤4 ug/kg / 7.7 ug/kg	SURR 49-61	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	12	**≤14**	8	**≤40**	≤0.02-0.1 MG/KG / 0.08-0.21 MG/KG	SURR 49-61	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-055

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 8, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

Case Narrative

Samples were collected on September 8, 2023 and received by the laboratory on September 8, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-1R**					
Laboratory ID:	09-055-01					
Total Organic Carbon	**3.6**	0.16	EPA 9060A	10-2-23	10-2-23	

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1002S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	10-2-23	10-2-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-077-09								
	ORIG	DUP							
Total Organic Carbon	**0.714**	**0.767**	NA	NA	NA	NA	7	22	
SPIKE BLANK									
Laboratory ID:	SB1002S1								
	SB		SB		SB				
Total Organic Carbon	**40.9**		42.1	NA	97	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-1M**					
Laboratory ID:	09-055-02					
Copper	**34**	4.5	EPA 6010D	10-26-23	10-26-23	
Zinc	**650**	11	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-1R**					
Laboratory ID:	09-055-01					
Naphthalene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
2-Methylnaphthalene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
1-Methylnaphthalene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Dimethylphthalate	**ND**	0.11	EPA 8270E	9-19-23	9-27-23	
Acenaphthylene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Acenaphthene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Diethylphthalate	**ND**	0.11	EPA 8270E	9-19-23	9-27-23	
Fluorene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Phenanthrene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Anthracene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Di-n-butylphthalate	**ND**	0.11	EPA 8270E	9-19-23	9-27-23	
Fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Pyrene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Butylbenzylphthalate	**ND**	0.11	EPA 8270E	9-19-23	9-27-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.11	EPA 8270E	9-19-23	9-27-23	
Di-n-octylphthalate	**ND**	0.11	EPA 8270E	9-19-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	9-19-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*50*	*11 - 111*				
Phenol-d6	*55*	*26 - 117*				
Nitrobenzene-d5	*49*	*31 - 111*				
2-Fluorobiphenyl	*47*	*38 - 109*				
2,4,6-Tribromophenol	*60*	*27 - 127*				
Terphenyl-d14	*45*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0919S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-19-23	9-19-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.022	EPA 8270E	9-19-23	9-19-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*48*	*11 - 111*				
Phenol-d6	*50*	*26 - 117*				
Nitrobenzene-d5	*48*	*31 - 111*				
2-Fluorobiphenyl	*64*	*38 - 109*				
2,4,6-Tribromophenol	*98*	*27 - 127*				
Terphenyl-d14	*81*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0919S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.422**	**0.349**	0.667	0.667	63	52	20 - 120	19	30	
2-Methylnaphthalene	**0.520**	**0.442**	0.667	0.667	78	66	20 - 120	16	30	
1-Methylnaphthalene	**0.483**	**0.393**	0.667	0.667	72	59	20 - 120	21	30	
Dimethylphthalate	**0.553**	**0.496**	0.667	0.667	83	74	20 - 120	11	30	
Acenaphthylene	**0.504**	**0.421**	0.667	0.667	76	63	20 - 120	18	30	
Acenaphthene	**0.484**	**0.430**	0.667	0.667	73	64	55 - 101	12	20	
Diethylphthalate	**0.513**	**0.461**	0.667	0.667	77	69	20 - 120	11	30	
Fluorene	**0.570**	**0.504**	0.667	0.667	85	76	20 - 120	12	30	
Phenanthrene	**0.524**	**0.474**	0.667	0.667	79	71	20 - 120	10	30	
Anthracene	**0.548**	**0.478**	0.667	0.667	82	72	20 - 120	14	30	
Di-n-butylphthalate	**0.489**	**0.430**	0.667	0.667	73	64	20 - 120	13	30	
Fluoranthene	**0.566**	**0.496**	0.667	0.667	85	74	20 - 120	13	30	
Pyrene	**0.523**	**0.459**	0.667	0.667	78	69	53 - 113	13	20	
Butylbenzylphthalate	**0.460**	**0.391**	0.667	0.667	69	59	20 - 120	16	30	
Benzo[a]anthracene	**0.547**	**0.482**	0.667	0.667	82	72	20 - 120	13	30	
Chrysene	**0.567**	**0.492**	0.667	0.667	85	74	20 - 120	14	30	
bis(2-Ethylhexyl)phthalate	**0.413**	**0.353**	0.667	0.667	62	53	20 - 120	16	30	
Di-n-octylphthalate	**0.456**	**0.390**	0.667	0.667	68	58	20 - 120	16	30	
Benzo[b]fluoranthene	**0.556**	**0.495**	0.667	0.667	83	74	20 - 120	12	30	
Benzo(j,k)fluoranthene	**0.583**	**0.544**	0.667	0.667	87	82	20 - 120	7	30	
Benzo[a]pyrene	**0.590**	**0.528**	0.667	0.667	88	79	20 - 120	11	30	
Indeno[1,2,3-cd]pyrene	**0.572**	**0.521**	0.667	0.667	86	78	20 - 120	9	30	
Dibenz[a,h]anthracene	**0.560**	**0.545**	0.667	0.667	84	82	20 - 120	3	30	
Benzo[g,h,i]perylene	**0.576**	**0.519**	0.667	0.667	86	78	20 - 120	10	30	
Surrogate:										
2-Fluorophenol					*65*	*54*	*11 - 111*			
Phenol-d6					*58*	*53*	*26 - 117*			
Nitrobenzene-d5					*62*	*55*	*31 - 111*			
2-Fluorobiphenyl					*76*	*77*	*38 - 109*			
2,4,6-Tribromophenol					*95*	*93*	*27 - 127*			
Terphenyl-d14					*84*	*82*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-1R**					
Laboratory ID:	09-055-01					
Total Solids	**38**	0.50	SM 2540G	9-18-23	9-19-23	
Client ID:	**MONT-1M**					
Laboratory ID:	09-055-02					
Total Solids	**22**	0.50	SM 2540G	10-26-23	10-27-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 8, 2023
Laboratory Reference: 2309-055
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-093-01								
	ORIG	DUP							
Total Solids	**73.6**	**74.9**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

CHAIN OF CUSTODY

09-055

Page 1 of 1

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	total Solids 2540G						
1	MONT-2R	9/8/23	9:30	Sediment	1	X			X	X	X						
2	MONT-1M	9/8/23	10:00	Sediment	1		X	X			X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole VandSate Date 9/8/23 Received by _____ Date 9/8/23

Firm Herrera Time 14:05 Firm OSE Time 1405

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 09-055

Initiated by: MV

Date Initiated: 9/8/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	Yes	(No)	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature:	17
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 9/8/23 / MONT-1 (Lab Ref. 2309-055)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	24	**≤14**	≤0.042% 0.042 %	NA	**NA**	97	**±20**	7	**≤ 20**	NS	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS
Copper	OK / EPA 6010D	NA	**NA**	48	**≤180**	≤1.0 MG/KG 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	48	**≤180**	≤2.5 mg/kg 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	11	**≤14**	8	**≤40**	≤4 ug/kg 11 ug/kg	SURR 45-60	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	11	**≤14**	8	**≤40**	≤0.02-0.1 MG/KG 0.11 MG/KG	SURR 45-60	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-088

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 12, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

Case Narrative

Samples were collected on September 12, 2023 and received by the laboratory on September 12, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

TOC by SM 5310B Analysis

The duplicate RPD for Total Organic Carbon is outside control limits due to sample inhomogeneity.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-2M**					
Laboratory ID:	09-088-01					
Total Organic Carbon	**1.7**	0.084	EPA 9060A	10-9-23	10-9-23	

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Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1009S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	10-9-23	10-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-088-01								
	ORIG	DUP							
Total Organic Carbon	**1.70**	**1.34**	NA	NA	NA	NA	23	22	L
SPIKE BLANK									
Laboratory ID:	SB1009S1								
	SB		SB		SB				
Total Organic Carbon	**43.9**		42.1	NA	104	90-110	NA	NA	

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Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-2M**					
Laboratory ID:	09-088-01					
Copper	**33**	5.9	EPA 6010D	10-26-23	10-26-23	
Zinc	**1100**	15	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

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Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-2R**					
Laboratory ID:	09-088-02					
Naphthalene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
2-Methylnaphthalene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
1-Methylnaphthalene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Dimethylphthalate	**ND**	0.092	EPA 8270E	9-19-23	9-28-23	
Acenaphthylene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Acenaphthene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Diethylphthalate	**ND**	0.092	EPA 8270E	9-19-23	9-28-23	
Fluorene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Phenanthrene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Anthracene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Di-n-butylphthalate	**ND**	0.22	EPA 8270E	9-19-23	9-28-23	
Fluoranthene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Pyrene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Butylbenzylphthalate	**ND**	0.092	EPA 8270E	9-19-23	9-28-23	
Benzo[a]anthracene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Chrysene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.22	EPA 8270E	9-19-23	9-28-23	
Di-n-octylphthalate	**ND**	0.092	EPA 8270E	9-19-23	9-28-23	
Benzo[b]fluoranthene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[a]pyrene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.0092	EPA 8270E/SIM	9-19-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*35*	*11 - 111*				
Phenol-d6	*41*	*26 - 117*				
Nitrobenzene-d5	*35*	*31 - 111*				
2-Fluorobiphenyl	*43*	*38 - 109*				
2,4,6-Tribromophenol	*51*	*27 - 127*				
Terphenyl-d14	*50*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0919S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-19-23	9-19-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.022	EPA 8270E	9-19-23	9-19-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*48*	*11 - 111*				
Phenol-d6	*50*	*26 - 117*				
Nitrobenzene-d5	*48*	*31 - 111*				
2-Fluorobiphenyl	*64*	*38 - 109*				
2,4,6-Tribromophenol	*98*	*27 - 127*				
Terphenyl-d14	*81*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0919S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.422**	**0.349**	0.667	0.667	63	52	20 - 120	19	30	
2-Methylnaphthalene	**0.520**	**0.442**	0.667	0.667	78	66	20 - 120	16	30	
1-Methylnaphthalene	**0.483**	**0.393**	0.667	0.667	72	59	20 - 120	21	30	
Dimethylphthalate	**0.553**	**0.496**	0.667	0.667	83	74	20 - 120	11	30	
Acenaphthylene	**0.504**	**0.421**	0.667	0.667	76	63	20 - 120	18	30	
Acenaphthene	**0.484**	**0.430**	0.667	0.667	73	64	55 - 101	12	20	
Diethylphthalate	**0.513**	**0.461**	0.667	0.667	77	69	20 - 120	11	30	
Fluorene	**0.570**	**0.504**	0.667	0.667	85	76	20 - 120	12	30	
Phenanthrene	**0.524**	**0.474**	0.667	0.667	79	71	20 - 120	10	30	
Anthracene	**0.548**	**0.478**	0.667	0.667	82	72	20 - 120	14	30	
Di-n-butylphthalate	**0.489**	**0.430**	0.667	0.667	73	64	20 - 120	13	30	
Fluoranthene	**0.566**	**0.496**	0.667	0.667	85	74	20 - 120	13	30	
Pyrene	**0.523**	**0.459**	0.667	0.667	78	69	53 - 113	13	20	
Butylbenzylphthalate	**0.460**	**0.391**	0.667	0.667	69	59	20 - 120	16	30	
Benzo[a]anthracene	**0.547**	**0.482**	0.667	0.667	82	72	20 - 120	13	30	
Chrysene	**0.567**	**0.492**	0.667	0.667	85	74	20 - 120	14	30	
bis(2-Ethylhexyl)phthalate	**0.413**	**0.353**	0.667	0.667	62	53	20 - 120	16	30	
Di-n-octylphthalate	**0.456**	**0.390**	0.667	0.667	68	58	20 - 120	16	30	
Benzo[b]fluoranthene	**0.556**	**0.495**	0.667	0.667	83	74	20 - 120	12	30	
Benzo(j,k)fluoranthene	**0.583**	**0.544**	0.667	0.667	87	82	20 - 120	7	30	
Benzo[a]pyrene	**0.590**	**0.528**	0.667	0.667	88	79	20 - 120	11	30	
Indeno[1,2,3-cd]pyrene	**0.572**	**0.521**	0.667	0.667	86	78	20 - 120	9	30	
Dibenz[a,h]anthracene	**0.560**	**0.545**	0.667	0.667	84	82	20 - 120	3	30	
Benzo[g,h,i]perylene	**0.576**	**0.519**	0.667	0.667	86	78	20 - 120	10	30	
Surrogate:										
2-Fluorophenol					*65*	*54*	*11 - 111*			
Phenol-d6					*58*	*53*	*26 - 117*			
Nitrobenzene-d5					*62*	*55*	*31 - 111*			
2-Fluorobiphenyl					*76*	*77*	*38 - 109*			
2,4,6-Tribromophenol					*95*	*93*	*27 - 127*			
Terphenyl-d14					*84*	*82*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-2R**					
Laboratory ID:	09-088-02					
Total Solids	**44**	0.50	SM 2540G	9-18-23	9-19-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 12, 2023
Laboratory Reference: 2309-088
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-093-01								
	ORIG	DUP							
Total Solids	**73.6**	**74.9**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Page 1 of 1

Laboratory No. 09-088

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	total solids 2540G						
1	MONT-2M	9/12/23	10:30	Sediment	1		X	X			X						
2	MONT-2R	9/12/23	9:30	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
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				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole VanDeWitte Date 9/12/23 Received by _____ Date 9/12/23
Firm Herrera Time 15:15 Firm ONE Time 1515

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 09-088

Initiated by: MV

Date Initiated: 9/12/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	Yes	(No)	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	Yes	(No)	N/A	Temperature: 18	
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	Yes	No	(N/A)	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #2) MONT-TR on label

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 9/12/23 / MONT-2 (Lab Ref. 2309-088)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	27	**≤14**	≤0.042% / 0.042 %	NA	**NA**	104	**±20**	23	**≤ 20**	NS	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS. NO FLAG FOR SLIGHT LAB DUPE EXCEEDANCE (23% VS LAB CRITERIA OF 22%).
Copper	OK / EPA 6010D	NA	**NA**	44	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	44	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	NS	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	7	**≤14**	8	**≤40**	≤4 ug/kg / 9.2 ug/kg	SURR 35-50	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	7	**≤14**	8	**≤40**	≤0.02-0.1 MG/KG / 0.09-0.22 MG/KG	SURR 35-50	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NS	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-149

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 15, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

Case Narrative

Samples were collected on September 15, 2023 and received by the laboratory on September 15, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

TOC by SM 5310B Analysis

The continuing calibration verification standard for Inorganic Carbon is outside of the control limits on the high end. This could result in a high sample bias for Inorganic Carbon. Since the samples are all non-detect for Inorganic Carbon, no further action was taken.

Due to limited sample volume, a Spike Blank, Spike Blank Duplicate was used for quality control.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Semivolatiles EPA 8270E/SIM Analysis

Sample SIDL-3-R had one surrogate recovery outside of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A

Matrix: Sediment
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-3-R**					
Laboratory ID:	09-149-02					
Total Organic Carbon	**4.7**	0.19	EPA 9060A	10-13-23	10-13-23	
Client ID:	**DUPE-R**					
Laboratory ID:	09-149-04					
Total Organic Carbon	**4.4**	0.38	EPA 9060A	10-13-23	10-13-23	

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Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

TOTAL ORGANIC CARBON
EPA 9060A
QUALITY CONTROL

Matrix: Solid
Units: % Carbon

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1013S1					
Total Organic Carbon	**ND**	0.042	EPA 9060A	10-13-23	10-13-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	SB1013S1								
	ORIG	DUP							
Total Organic Carbon	**43.4**	**41.5**	NA	NA	NA	NA	4	22	
SPIKE BLANK									
Laboratory ID:	SB1013S1								
	SB		SB		SB				
Total Organic Carbon	**43.4**		42.1	NA	103	90-110	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-3-M**					
Laboratory ID:	09-149-01					
Copper	**19**	4.9	EPA 6010D	10-26-23	10-26-23	
Zinc	**90**	12	EPA 6010D	10-26-23	10-26-23	
Client ID:	**DUPE-M**					
Laboratory ID:	09-149-03					
Copper	**18**	5.9	EPA 6010D	10-26-23	10-26-23	
Zinc	**93**	15	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-3-R**					
Laboratory ID:	09-149-02					
Naphthalene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
2-Methylnaphthalene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
1-Methylnaphthalene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Dimethylphthalate	**ND**	0.15	EPA 8270E	9-19-23	9-27-23	
Acenaphthylene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Acenaphthene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Diethylphthalate	**ND**	0.15	EPA 8270E	9-19-23	9-27-23	
Fluorene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Phenanthrene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Anthracene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Di-n-butylphthalate	**ND**	0.15	EPA 8270E	9-19-23	9-27-23	
Fluoranthene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Pyrene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Butylbenzylphthalate	**ND**	0.15	EPA 8270E	9-19-23	9-27-23	
Benzo[a]anthracene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Chrysene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.15	EPA 8270E	9-19-23	9-27-23	
Di-n-octylphthalate	**ND**	0.15	EPA 8270E	9-19-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[a]pyrene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.015	EPA 8270E/SIM	9-19-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*11 - 111*				
Phenol-d6	*75*	*26 - 117*				
Nitrobenzene-d5	*58*	*31 - 111*				
2-Fluorobiphenyl	*32*	*38 - 109*				Q
2,4,6-Tribromophenol	*62*	*27 - 127*				
Terphenyl-d14	*37*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DUPE-R**					
Laboratory ID:	09-149-04					
Naphthalene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
2-Methylnaphthalene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
1-Methylnaphthalene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Dimethylphthalate	**ND**	0.13	EPA 8270E	9-19-23	9-27-23	
Acenaphthylene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Acenaphthene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Diethylphthalate	**ND**	0.13	EPA 8270E	9-19-23	9-27-23	
Fluorene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Phenanthrene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Anthracene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Di-n-butylphthalate	**ND**	0.13	EPA 8270E	9-19-23	9-27-23	
Fluoranthene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Pyrene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Butylbenzylphthalate	**ND**	0.13	EPA 8270E	9-19-23	9-27-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.13	EPA 8270E	9-19-23	9-27-23	
Di-n-octylphthalate	**ND**	0.13	EPA 8270E	9-19-23	9-27-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	9-19-23	9-27-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*59*	*11 - 111*				
Phenol-d6	*69*	*26 - 117*				
Nitrobenzene-d5	*56*	*31 - 111*				
2-Fluorobiphenyl	*43*	*38 - 109*				
2,4,6-Tribromophenol	*72*	*27 - 127*				
Terphenyl-d14	*55*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0919S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-19-23	9-19-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.022	EPA 8270E	9-19-23	9-19-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-19-23	9-19-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-19-23	9-19-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*48*	*11 - 111*				
Phenol-d6	*50*	*26 - 117*				
Nitrobenzene-d5	*48*	*31 - 111*				
2-Fluorobiphenyl	*64*	*38 - 109*				
2,4,6-Tribromophenol	*98*	*27 - 127*				
Terphenyl-d14	*81*	*37 - 116*				

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Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0919S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.422**	**0.349**	0.667	0.667	63	52	20 - 120	19	30	
2-Methylnaphthalene	**0.520**	**0.442**	0.667	0.667	78	66	20 - 120	16	30	
1-Methylnaphthalene	**0.483**	**0.393**	0.667	0.667	72	59	20 - 120	21	30	
Dimethylphthalate	**0.553**	**0.496**	0.667	0.667	83	74	20 - 120	11	30	
Acenaphthylene	**0.504**	**0.421**	0.667	0.667	76	63	20 - 120	18	30	
Acenaphthene	**0.484**	**0.430**	0.667	0.667	73	64	55 - 101	12	20	
Diethylphthalate	**0.513**	**0.461**	0.667	0.667	77	69	20 - 120	11	30	
Fluorene	**0.570**	**0.504**	0.667	0.667	85	76	20 - 120	12	30	
Phenanthrene	**0.524**	**0.474**	0.667	0.667	79	71	20 - 120	10	30	
Anthracene	**0.548**	**0.478**	0.667	0.667	82	72	20 - 120	14	30	
Di-n-butylphthalate	**0.489**	**0.430**	0.667	0.667	73	64	20 - 120	13	30	
Fluoranthene	**0.566**	**0.496**	0.667	0.667	85	74	20 - 120	13	30	
Pyrene	**0.523**	**0.459**	0.667	0.667	78	69	53 - 113	13	20	
Butylbenzylphthalate	**0.460**	**0.391**	0.667	0.667	69	59	20 - 120	16	30	
Benzo[a]anthracene	**0.547**	**0.482**	0.667	0.667	82	72	20 - 120	13	30	
Chrysene	**0.567**	**0.492**	0.667	0.667	85	74	20 - 120	14	30	
bis(2-Ethylhexyl)phthalate	**0.413**	**0.353**	0.667	0.667	62	53	20 - 120	16	30	
Di-n-octylphthalate	**0.456**	**0.390**	0.667	0.667	68	58	20 - 120	16	30	
Benzo[b]fluoranthene	**0.556**	**0.495**	0.667	0.667	83	74	20 - 120	12	30	
Benzo(j,k)fluoranthene	**0.583**	**0.544**	0.667	0.667	87	82	20 - 120	7	30	
Benzo[a]pyrene	**0.590**	**0.528**	0.667	0.667	88	79	20 - 120	11	30	
Indeno[1,2,3-cd]pyrene	**0.572**	**0.521**	0.667	0.667	86	78	20 - 120	9	30	
Dibenz[a,h]anthracene	**0.560**	**0.545**	0.667	0.667	84	82	20 - 120	3	30	
Benzo[g,h,i]perylene	**0.576**	**0.519**	0.667	0.667	86	78	20 - 120	10	30	
Surrogate:										
2-Fluorophenol					*65*	*54*	*11 - 111*			
Phenol-d6					*58*	*53*	*26 - 117*			
Nitrobenzene-d5					*62*	*55*	*31 - 111*			
2-Fluorobiphenyl					*76*	*77*	*38 - 109*			
2,4,6-Tribromophenol					*95*	*93*	*27 - 127*			
Terphenyl-d14					*84*	*82*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SIDL-3-M**					
Laboratory ID:	09-149-01					
Total Solids	**20**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**SIDL-3-R**					
Laboratory ID:	09-149-02					
Total Solids	**27**	0.50	SM 2540G	9-18-23	9-19-23	
Client ID:	**DUPE-M**					
Laboratory ID:	09-149-03					
Total Solids	**17**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**DUPE-R**					
Laboratory ID:	09-149-04					
Total Solids	**32**	0.50	SM 2540G	9-18-23	9-19-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 15, 2023
Laboratory Reference: 2309-149
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-093-01								
	ORIG	DUP							
Total Solids	**73.6**	**74.9**	NA	NA	NA	NA	2	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

CHAIN OF CUSTODY

09-149

Page 1 of 1

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	Total Solids 2540G						
1	SIDL-3-M	9/15/23	10:30	Sediment	1		X	X			X						
2	SIDL-3-R	↓	11:00	Sediment	1	X			X	X	X						
3	DUPE-M		10:30	Sediment	1		X	X			X						
4	DUPE-R	↓	11:00	Sediment	1	X			X	X	X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole Vimstad Date 9/15/23 Received by [signature] Date 9/15/23

Firm Herrera Time 14:15 Firm OSE Time 1415

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 9/15/23 / SIDL-3 and DUPE (Lab Ref. 2309-149)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	28	**≤14**	≤0.042% / 0.042 %	NA	**NA**	103	**±20**	4	**≤ 20**	7	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS
Copper	OK / EPA 6010D	NA	**NA**	41	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	D=1	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	41	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	3	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	4	**≤14**	8	**≤40**	≤4 ug/kg / 13-15 ug/kg	SURR 32-75	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NC	**≤ 50**	OK	NO FLAG FOR ONE SURR %R BELOW LIMIT (32 VS 38%), WITHIN LAB ALLOWANCE AND OTHERS OK
Phthalates	OK / EPA 8270E	4	**≤14**	8	**≤40**	≤0.1 MG/KG / 0.13-0.15 MG/KG	SURR 32-75	**SURR 11-127**	52-88	**20-120**	BS/BSD 3-21	**≤40**	NC	**≤ 50**	OK	NO FLAG FOR ONE SURR %R BELOW LIMIT (32 VS 38%), WITHIN LAB ALLOWANCE AND OTHERS OK

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; SURR – surrogate standard.

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 13, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-213

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 21, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

Case Narrative

Samples were collected on September 21, 2023 and received by the laboratory on September 21, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Metals EPA 6010D Analysis

The liquid portion of the sample was decanted and only the solid portion was analyzed.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

TOTAL METALS
EPA 6010D

Matrix: Sediment
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-3-M**					
Laboratory ID:	09-213-02					
Copper	**48**	7.1	EPA 6010D	10-26-23	10-26-23	
Zinc	**2200**	18	EPA 6010D	10-26-23	10-26-23	
Client ID:	**DUPE-2-M**					
Laboratory ID:	09-213-04					
Copper	**44**	6.9	EPA 6010D	10-26-23	10-26-23	
Zinc	**2000**	17	EPA 6010D	10-26-23	10-26-23	

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Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

TOTAL METALS
EPA 6010D
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026SM1					
Copper	**ND**	1.0	EPA 6010D	10-26-23	10-26-23	
Zinc	**ND**	2.5	EPA 6010D	10-26-23	10-26-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	08-142-01										
	ORIG	DUP									
Copper	**2.56**	**2.31**	NA	NA		NA		NA	10	20	
Zinc	**8.75**	**7.95**	NA	NA		NA		NA	10	20	
MATRIX SPIKES											
Laboratory ID:	08-142-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**48.9**	**48.3**	50.0	50.0	2.56	**93**	**91**	75-125	1	20	
Zinc	**109**	**108**	100	100	8.75	**100**	**99**	75-125	1	20	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-3-R**					
Laboratory ID:	09-213-01					
Naphthalene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
2-Methylnaphthalene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
1-Methylnaphthalene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Dimethylphthalate	**ND**	0.18	EPA 8270E	9-21-23	9-22-23	
Acenaphthylene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Acenaphthene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Diethylphthalate	**ND**	0.18	EPA 8270E	9-21-23	9-22-23	
Fluorene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Phenanthrene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Anthracene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Di-n-butylphthalate	**ND**	0.18	EPA 8270E	9-21-23	9-22-23	
Fluoranthene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Pyrene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Butylbenzylphthalate	**ND**	0.18	EPA 8270E	9-21-23	9-22-23	
Benzo[a]anthracene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Chrysene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.25	EPA 8270E	9-21-23	9-22-23	
Di-n-octylphthalate	**ND**	0.18	EPA 8270E	9-21-23	9-22-23	
Benzo[b]fluoranthene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Benzo(j,k)fluoranthene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Benzo[a]pyrene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Dibenz[a,h]anthracene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Benzo[g,h,i]perylene	**ND**	0.018	EPA 8270E/SIM	9-21-23	9-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*58*	*11 - 111*				
Phenol-d6	*65*	*26 - 117*				
Nitrobenzene-d5	*51*	*31 - 111*				
2-Fluorobiphenyl	*54*	*38 - 109*				
2,4,6-Tribromophenol	*63*	*27 - 127*				
Terphenyl-d14	*55*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM

Matrix: Sediment
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**DUPE-2-R**					
Laboratory ID:	09-213-03					
Naphthalene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
2-Methylnaphthalene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
1-Methylnaphthalene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Dimethylphthalate	**ND**	0.17	EPA 8270E	9-21-23	9-22-23	
Acenaphthylene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Acenaphthene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Diethylphthalate	**ND**	0.17	EPA 8270E	9-21-23	9-22-23	
Fluorene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Phenanthrene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Anthracene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Di-n-butylphthalate	**ND**	0.17	EPA 8270E	9-21-23	9-22-23	
Fluoranthene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Pyrene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Butylbenzylphthalate	**ND**	0.17	EPA 8270E	9-21-23	9-22-23	
Benzo[a]anthracene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Chrysene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.25	EPA 8270E	9-21-23	9-22-23	
Di-n-octylphthalate	**ND**	0.17	EPA 8270E	9-21-23	9-22-23	
Benzo[b]fluoranthene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Benzo(j,k)fluoranthene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Benzo[a]pyrene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Dibenz[a,h]anthracene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Benzo[g,h,i]perylene	**ND**	0.017	EPA 8270E/SIM	9-21-23	9-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*59*	*11 - 111*				
Phenol-d6	*66*	*26 - 117*				
Nitrobenzene-d5	*56*	*31 - 111*				
2-Fluorobiphenyl	*55*	*38 - 109*				
2,4,6-Tribromophenol	*61*	*27 - 127*				
Terphenyl-d14	*56*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0921S1					
Naphthalene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
2-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
1-Methylnaphthalene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Dimethylphthalate	**ND**	0.020	EPA 8270E	9-21-23	9-22-23	
Acenaphthylene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Acenaphthene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Diethylphthalate	**ND**	0.020	EPA 8270E	9-21-23	9-22-23	
Fluorene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Phenanthrene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Anthracene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Di-n-butylphthalate	**ND**	0.10	EPA 8270E	9-21-23	9-22-23	
Fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Pyrene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Butylbenzylphthalate	**ND**	0.020	EPA 8270E	9-21-23	9-22-23	
Benzo[a]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Chrysene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
bis(2-Ethylhexyl)phthalate	**ND**	0.10	EPA 8270E	9-21-23	9-22-23	
Di-n-octylphthalate	**ND**	0.020	EPA 8270E	9-21-23	9-22-23	
Benzo[b]fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Benzo(j,k)fluoranthene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Benzo[a]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Indeno[1,2,3-cd]pyrene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Dibenz[a,h]anthracene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Benzo[g,h,i]perylene	**ND**	0.0040	EPA 8270E/SIM	9-21-23	9-22-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*62*	*11 - 111*				
Phenol-d6	*71*	*26 - 117*				
Nitrobenzene-d5	*61*	*31 - 111*				
2-Fluorobiphenyl	*65*	*38 - 109*				
2,4,6-Tribromophenol	*72*	*27 - 127*				
Terphenyl-d14	*69*	*37 - 116*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

SEMIVOLATILES EPA 8270E/SIM
QUALITY CONTROL

Matrix: Solid
Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0921S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.375**	**0.377**	0.667	0.667	56	57	20 - 120	1	30	
2-Methylnaphthalene	**0.388**	**0.399**	0.667	0.667	58	60	20 - 120	3	30	
1-Methylnaphthalene	**0.371**	**0.370**	0.667	0.667	56	55	20 - 120	0	30	
Dimethylphthalate	**0.409**	**0.415**	0.667	0.667	61	62	20 - 120	1	30	
Acenaphthylene	**0.398**	**0.402**	0.667	0.667	60	60	20 - 120	1	30	
Acenaphthene	**0.439**	**0.412**	0.667	0.667	66	62	55 - 101	6	20	
Diethylphthalate	**0.412**	**0.428**	0.667	0.667	62	64	20 - 120	4	30	
Fluorene	**0.407**	**0.419**	0.667	0.667	61	63	20 - 120	3	30	
Phenanthrene	**0.403**	**0.412**	0.667	0.667	60	62	20 - 120	2	30	
Anthracene	**0.422**	**0.438**	0.667	0.667	63	66	20 - 120	4	30	
Di-n-butylphthalate	**0.440**	**0.465**	0.667	0.667	66	70	20 - 120	6	30	
Fluoranthene	**0.431**	**0.439**	0.667	0.667	65	66	20 - 120	2	30	
Pyrene	**0.426**	**0.419**	0.667	0.667	64	63	53 - 113	2	20	
Butylbenzylphthalate	**0.437**	**0.432**	0.667	0.667	66	65	20 - 120	1	30	
Benzo[a]anthracene	**0.416**	**0.419**	0.667	0.667	62	63	20 - 120	1	30	
Chrysene	**0.426**	**0.427**	0.667	0.667	64	64	20 - 120	0	30	
bis(2-Ethylhexyl)phthalate	**0.466**	**0.463**	0.667	0.667	70	69	20 - 120	1	30	
Di-n-octylphthalate	**0.466**	**0.465**	0.667	0.667	70	70	20 - 120	0	30	
Benzo[b]fluoranthene	**0.431**	**0.410**	0.667	0.667	65	61	20 - 120	5	30	
Benzo(j,k)fluoranthene	**0.439**	**0.476**	0.667	0.667	66	71	20 - 120	8	30	
Benzo[a]pyrene	**0.456**	**0.460**	0.667	0.667	68	69	20 - 120	1	30	
Indeno[1,2,3-cd]pyrene	**0.499**	**0.510**	0.667	0.667	75	76	20 - 120	2	30	
Dibenz[a,h]anthracene	**0.454**	**0.454**	0.667	0.667	68	68	20 - 120	0	30	
Benzo[g,h,i]perylene	**0.434**	**0.436**	0.667	0.667	65	65	20 - 120	0	30	
Surrogate:										
2-Fluorophenol					*52*	*54*	*11 - 111*			
Phenol-d6					*58*	*58*	*26 - 117*			
Nitrobenzene-d5					*55*	*55*	*31 - 111*			
2-Fluorobiphenyl					*59*	*60*	*38 - 109*			
2,4,6-Tribromophenol					*64*	*66*	*27 - 127*			
Terphenyl-d14					*62*	*61*	*37 - 116*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G

Matrix: Sediment
Units: % Solids

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONT-3-R**					
Laboratory ID:	09-213-01					
Total Solids	**22**	0.50	SM 2540G	9-21-23	9-22-23	
Client ID:	**MONT-3-M**					
Laboratory ID:	09-213-02					
Total Solids	**14**	0.50	SM 2540G	10-26-23	10-27-23	
Client ID:	**DUPE-2-R**					
Laboratory ID:	09-213-03					
Total Solids	**23**	0.50	SM 2540G	9-21-23	9-22-23	
Client ID:	**DUPE-2-M**					
Laboratory ID:	09-213-04					
Total Solids	**15**	0.50	SM 2540G	10-26-23	10-27-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 13, 2023
Samples Submitted: September 21, 2023
Laboratory Reference: 2309-213
Project: 14-05806-000

TOTAL SOLIDS
SM 2540G
QUALITY CONTROL

Matrix: Solid
Units: % Solids

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-174-01								
	ORIG	DUP							
Total Solids	**35.0**	**35.1**	NA	NA	NA	NA	0	20	
Laboratory ID:	10-312-01								
	ORIG	DUP							
Total Solids	**87.0**	**83.9**	NA	NA	NA	NA	4	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Oct 18 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
MONT-3-R	Soil	23-A018180	DEM
DUPE-2-R	Soil	23-A018181	DEM

Your samples were received on Monday, October 16, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

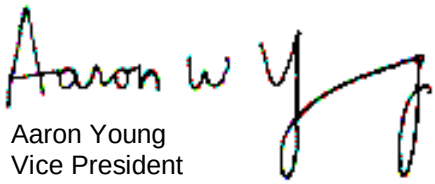
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron Young
Vice President

Project #: 14-05806-000
SDG #: 2331780

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project #: 14-05806-000
All results reported on an as received basis.

Date Received: 10/16/23
Date Reported: 10/18/23

AMTEST Identification Number **23-A018180**
Client Identification **MONT-3-R**
Sampling Date **09/21/23, 10:30**

Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Organic Carbon	8.2	%		0.05	SW 846 9060	NNL	10/18/23

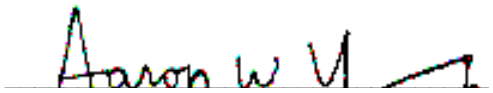
Results reported as an average of four readings.
Range of results: 7.32 - 8.61%

AMTEST Identification Number **23-A018181**
Client Identification **DUPE-2-R**
Sampling Date **09/21/23, 10:30**

Demand

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Total Organic Carbon	6.5	%		0.05	SW 846 9060	NNL	10/18/23

Results reported as an average of four readings.
Range of results: 5.32 - 7.90%



Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A018180 to 23-A018181

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Organic Carbon	%	47.	48.	102. %

BLANKS

ANALYTE	UNITS	RESULT
Total Organic Carbon	%	< 0.05

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 09-213

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day (2 Day) 3 Day

~~Standard~~

Other: _____

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 14-05806-000

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
K6180	MONT-3-R	9/21/23	10:30	Sediment	1	TOC
K6181	DUPE-2-R	9/21/23	10:30	Sediment	1	TOC

WAIT ON HOLDING

J. ME

	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/16/23	345PM	
Received by: CF	AmTest	10/16/23	1545	
Relinquished by:				EIM
Received by:				
Relinquished by:				
Received by:				

T=6.8°C

CHAIN OF CUSTODY

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Page 1 of 1

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 09-213

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Organic Carbon	Copper	Zinc	Polycyclic aromatic hydrocarbons	Phthalates	total solids 2540 G						
1	MONT-3-R	9/21/23	10:30	Sediment	1	X			X	X	X						
2	MONT-3-M	↓	↓	Sediment	1		X	X			X						
3	DUPE-2-R			Sediment	1	X			X	X	X						
4	DUPE-2-M			Sediment	1		X	X			X						
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												
				Sediment	1												

Relinquished by Nicole VanStratte Date 9/21/23 Received by _____ Date 9/21/23
Firm Herrera Time 13:40 Firm OSE Time 1340

Relinquished by _____ Date _____ Received by _____ Date _____

Comments:

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/14/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: TOC, Cu, Zn, PAHs, phthalates

Checked: initials JB

Sample Date/Sample ID: 9/21/23 / MONT-3 and DUPE-2 (Lab Ref. 2309-213)

date 12/7/23

Parameter	Completeness/ Methodology	Pre-extraction Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TOC	OK / EPA 9060A	NA	**NA**	27	**≤14**	≤0.042% / 0.042 %	NA	**NA**	102	**±20**	NA	**≤ 20**	23	**≤ 35**	OK	NONE. EPA HOLDING TIME 28 DAYS
Copper	OK / EPA 6010D	NA	**NA**	35	**≤180**	≤1.0 MG/KG / 1.0 MG/KG	91, 93	**±25**	NR	**±15**	D=0.25, MS 1	**≤ 20**	9	**≤ 35**	OK	NONE
Zinc	OK / EPA 6010D	NA	**NA**	35	**≤180**	≤2.5 mg/kg / 2.5 MG/KG	99, 100	**±25**	NR	**±15**	D=0.8, MS 1	**≤ 20**	10	**≤ 35**	OK	NONE
PAHs	OK / EPA 8270E/SIM	<1	**≤14**	4	**≤40**	≤4 ug/kg / 17-18 ug/kg	SURR 51-65	**SURR 11-127**	55-76	**20-120**	BS/BSD <1-8	**≤40**	NC	**≤ 50**	OK	NONE
Phthalates	OK / EPA 8270E	<1	**≤14**	4	**≤40**	≤0.02-0.1 MG/KG / 0.17-0.25 MG/KG	SURR 51-66	**SURR 11-127**	55-76	**20-120**	BS/BSD <1-8	**≤40**	NC	**≤ 50**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled.

Appendix O

Data Validation Memorandum for Sediment Quality Monitoring

HERRERA
Science + Planning + Design

HERRERA
Science + Planning + Design

Herrera Environmental Consultants, Inc.
Internal Memorandum

Date: July 3, 2024

To: Project File 14-05806-000

From: Nikki VandePutte

Subject: Data Quality Assurance Review of the Redmond Paired Watershed Stormwater Retrofit Effectiveness Sediment Quality Monitoring Data – Water Year 2023

Data Quality Assurance Review

This memorandum presents a review of data quality for 19 sediment samples (including 2 field duplicates) collected for the Redmond Paired Watershed Stormwater Retrofit Effectiveness Study between July 6 and September 21, 2023. OnSite Environmental, Inc., of Redmond, Washington, analyzed the samples for:

- Total organic carbon (TOC) by EPA Method 9060A
- Metals (copper and zinc) by EPA Method 6010D
- Polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270E-SIM
- Phthalates by EPA Method 8270E

AmTest Inc., of Kirkland, Washington, analyzed four of the samples for TOC.

Results of the following samples were validated.

Table 1. Water Year 2023 Sediment Samples.

Date Collected	Lab SDG	Samples Collected	QC Samples Collected
7/6/2023	2307-030	COLIN-1	None
7/13/2023	2307-092	MONT-5	None
7/18/2023	2307-119	TOSH-1	None
7/25/2023	2307-202	TYLR-1	None
8/1/2023	2308-010	CTRY-2	None
8/9/2023	2308-116	MONT-4	None
8/11/2023	2308-142	SIDL-1	None
8/16/2023	2308-173	CTRY-1	None

Table 1 (continued). Water Year 2023 Sediment Samples.			
Date Collected	**Lab SDG**	**Samples Collected**	**QC Samples Collected**
8/18/2023	2308-213	TYLR-2	None
8/18/2023	2308-214	SIDL-2	None
8/24/2023	2308-278	TOSH-2	None
8/28/2023	2308-312	TOSH-4	None
9/7/2023	2309-042	TOSH-3	None
9/8/2023	2309-055	MONT-1	None
9/12/2023	2309-088	MONT-2	None
9/15/2023	2309-149	SIDL-3, DUPE	1 field duplicate
9/21/2023	2309-213	MONT-3, DUPE-2	1 field duplicate

The laboratory's performance was reviewed in accordance with quality control (QC) criteria established in the *Redmond Paired Watershed Study Quality Assurance Project Plan* (QAPP; Herrera 2015) by the laboratory, and in the specified methods.

Quality control data summaries submitted by the laboratory were reviewed; raw data were not submitted by the laboratory. Data Quality Assurance Worksheets were completed for each laboratory report. Data qualifiers (flags) were added to the sample results in the laboratory reports. Data validation results are summarized below, followed by definitions of data qualifiers.

Custody, Preservation, Holding Times, and Completeness – Acceptable with Qualification

The samples were properly preserved, and sample custody was maintained from sample collection to receipt at the laboratory. Samples were analyzed within the required method holding times, with the exceptions noted below. The laboratory reports were complete and contained results for all samples and tests requested on the chain-of-custody (COC) forms.

- Eleven TOC samples were analyzed outside of the QAPP-specified holding time of 14 days. However, eight of these samples were analyzed within the EPA recommended holding time of 28 days. The three samples that were analyzed outside the 28-day holding time (TYLR-2, TOSH-2, and TOSH-4) were qualified as estimated (flagged J).

Laboratory Reporting Limits – Acceptable with Discussion

The laboratory reporting limits met those established in the QAPP with some exceptions. Reporting limits for PAHs (2 samples) and phthalates (1 sample) were slightly elevated (e.g., 82 versus 70 ug/kg), with some undetected values; however, the increased RLs were very slight and data quality was not affected. No data were qualified based on laboratory reporting limits.

Method Blank Analysis – Acceptable with Discussion

Method blanks were analyzed at the required frequency. Method blanks did not contain levels of target analytes above the laboratory reporting limits, with the following exception:

- The method blank analyzed for bis(ethyl-hexyl) phthalate (BEHP) with two samples, had a detection above the reporting limit (0.33 mg/kg versus reporting limit of 0.01). BEHP was not detected in the associated samples, so no data were qualified.

Laboratory Control Sample Analysis – Acceptable

Blank spike/blank spike duplicate (BS/BSD) samples were analyzed with project samples for TOC, PAHs, and phthalates at the required frequency. The percent recovery values for all parameters met the criteria established in the QAPP.

Surrogate Compound Analysis – Acceptable with Discussion

Surrogates were analyzed with project samples, method blanks, and laboratory duplicates for PAHs and phthalates, as required by the analytical methods. The percent recovery values for all surrogate compounds met the criteria established by the laboratory, with the following exception:

- The percent recovery of one surrogate standard analyzed for sample SIDL-3 was slightly below the criteria (32 percent versus minimum 38 percent). This was within the laboratory's allowance, and no data were qualified.

Matrix Spike Analysis – Acceptable

Matrix spike/matrix spike duplicate (MS/MSD) samples were analyzed for copper and zinc at the required frequency. The percent recovery values for copper and zinc met the control limits (75 to 125 percent) established in the QAPP.

Laboratory Duplicate Analysis – Acceptable

Laboratory duplicate samples were analyzed for TOC, copper, and zinc; BS/BSD samples were analyzed for PAHs and phthalates. The relative percent difference (RPD) was calculated for each analyte where both duplicate values were greater than five times the reporting limit (RL). The difference between duplicate values was calculated if the detected compound concentration was less than five times the RL in either the sample or the duplicate. The RPD values or difference values met the control limits established by the QAPP, with the following exception:

- The laboratory duplicate of MONT-2 analyzed for TOC slightly exceeded the QAPP criterion (23 versus ≤20 percent). The laboratory criterion was ≤22 percent, so the result was not qualified for the slight exceedance.

Field Duplicate Analysis – Acceptable with Qualification

Field duplicates of samples SIDL-3 and MONT-3 were collected and analyzed for all parameters. The RPD was calculated for each analyte where both the values were greater than five times the RL. The difference between the duplicate values was calculated if the detected compound concentration was less than five times the RL in either the sample or the field duplicate. The RPD values or difference values met the control limits established in the QAPP.

Definition of Data Qualifiers

The following are data qualifier definitions (Table 2 [see Table 8 in Herrera 2015]) applied for this project.

Table 8. Data Qualifier Definitions.

Data Qualifier	Definition
J	Value is an estimate based on analytical results
R	Value is rejected based on analytical results
U	Value is below the reporting limit
UJ	Value is below the reporting limit and is an estimate based on analytical results

References

Herrera. 2015. Redmond Paired Watershed Study Quality Assurance Project Plan. Prepared by Herrera Environmental Consultants, Inc., Seattle, Washington. December 31.

Appendix P

Laboratory Report for Biological Monitoring

HERRERA
Science + Planning + Design

The contents of this appendix are provided in a separate electronic file.

Appendix Q

Laboratory Reports and Data Quality Assurance Audit Forms for Sediment Quality Monitoring

HERRERA
Science + Planning + Design

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

Jess Brown
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2210-222

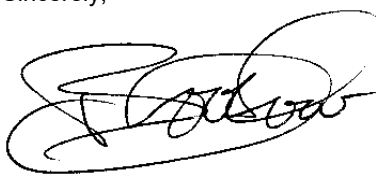
Dear Jess:

Enclosed are the analytical results and associated quality control data for samples submitted on October 21, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

Case Narrative

Samples were collected on October 21, 2022 and received by the laboratory on October 21, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Suspended Solids SM 2540D Analysis

The Total Suspended Solids sample MONM-2022 (10-222-08) was analyzed on 10-24-22. The Spike Blank was outside of control limits. There was insufficient sample to reanalysis. The other samples were reanalyzed within holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Total Suspended Solids	**100**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Total Suspended Solids	**99**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Total Suspended Solids	**710**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Total Suspended Solids	**60**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Total Suspended Solids	**27**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Total Suspended Solids	**17**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Total Suspended Solids	**5.8**	1.0	SM 2540D	1026/22	10-26-22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Total Suspended Solids	**50**	1.0	SM 2540D	10-24-22	10-24-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Total Suspended Solids	**300**	4.0	SM 2540D	1026/22	10-26-22	

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Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Total Suspended Solids	**21**	1.0	SM 2540D	1026/22	10-26-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Total Suspended Solids	**54**	4.0	SM 2540D	1026/22	10-26-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Total Suspended Solids	**21**	4.0	SM 2540D	1026/22	10-26-22	

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Laboratory Reference: 2210-222
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1024W1					
Total Suspended Solids	**ND**	0.80	SM 2540D	10-24-22	10-24-22	
Laboratory ID:	MB1026W2					
Total Suspended Solids	**ND**	1.0	SM 2540D	1026/22	10-26-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-222-08								
	ORIG	DUP							
Total Suspended Solids	**50.0**	**50.9**	NA	NA	NA	NA	2	25	
Laboratory ID:	10-286-02								
	ORIG	DUP							
Total Suspended Solids	**34.0**	**34.0**	NA	NA	NA	NA	0	25	
SPIKE BLANK									
Laboratory ID:	SB1026W2								
	SB		SB		SB				
Total Suspended Solids	**84.0**		100	NA	84	67-112	NA	NA	
Laboratory ID:	SB1024W1								
	SB		SB		SB				
Total Suspended Solids	**121**		100	NA	121	67-112	NA	NA	Z

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Turbidity	**60**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Turbidity	**33**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Turbidity	**260**	1.0	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Turbidity	**41**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Turbidity	**20**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Turbidity	**12**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Turbidity	**2.1**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Turbidity	**39**	0.20	EPA 180.1	10-21-22	10-21-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Turbidity	**77**	0.20	EPA 180.1	10-21-22	10-21-22	

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Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Turbidity	**16**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Turbidity	**23**	0.10	EPA 180.1	10-21-22	10-21-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Turbidity	**11**	0.10	EPA 180.1	10-21-22	10-21-22	

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Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1021W1					
Turbidity	**ND**	0.10	EPA 180.1	10-21-22	10-21-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-205-01								
	ORIG	DUP							
Turbidity	**23.1**	**22.2**	NA	NA	NA	NA	4	18	

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Date of Report: January 26, 2023
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Laboratory Reference: 2210-222
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Hardness	**150**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Hardness	**170**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Hardness	**180**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Hardness	**88**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Hardness	**140**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	

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Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Hardness	**160**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Hardness	**53**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Hardness	**64**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Hardness	**140**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	

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Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1027WH3					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	10-27-22	10-27-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-222-06										
	ORIG	DUP									
Hardness	**142**	**137**	NA		NA	NA		NA	4	20	
MATRIX SPIKES											
Laboratory ID:	10-222-06										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**265**	**280**	132	132	142	93	105	75-125	6	20	
SPIKE BLANK											
Laboratory ID:	SB1027WH3										
	SB		SB			SB					
Hardness	**140**		132		NA	106		85-115	NA	NA	

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Date of Report: January 26, 2023
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Laboratory Reference: 2210-222
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Dissolved Organic Carbon	**12**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Dissolved Organic Carbon	**14**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Dissolved Organic Carbon	**25**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Dissolved Organic Carbon	**38**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Dissolved Organic Carbon	**6.2**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Dissolved Organic Carbon	**5.6**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Dissolved Organic Carbon	**7.1**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Dissolved Organic Carbon	**47**	1.0	SM 5310B	11-2-22	11-2-22	

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Samples Submitted: October 21, 2022
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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Dissolved Organic Carbon	**3.8**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	11-2-22	11-2-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Dissolved Organic Carbon	**6.1**	1.0	SM 5310B	11-2-22	11-2-22	

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Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1102D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	11-2-22	11-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-222-07								
	ORIG	DUP							
Dissolved Organic Carbon	**5.62**	**5.81**	NA	NA	NA	NA	3	15	
MATRIX SPIKE									
Laboratory ID:	10-222-07								
	MS		MS		MS				
Dissolved Organic Carbon	**16.3**		10.0	5.62	107	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1102D1								
	SB		SB		SB				
Dissolved Organic Carbon	**11.3**		10.0	NA	113	88-118	NA	NA	

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Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Total Phosphorus	**0.22**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Total Phosphorus	**0.38**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Total Phosphorus	**1.1**	0.020	EPA 365.1	10-24-22	1025/22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Total Phosphorus	**0.25**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Total Phosphorus	**0.11**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Total Phosphorus	**0.11**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Total Phosphorus	**0.10**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Total Phosphorus	**0.19**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Total Phosphorus	**0.48**	0.010	EPA 365.1	10-24-22	1025/22	

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Total Phosphorus	**0.13**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Total Phosphorus	**0.12**	0.010	EPA 365.1	10-24-22	1025/22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Total Phosphorus	**0.12**	0.010	EPA 365.1	10-24-22	1025/22	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1024W2					
Total Phosphorus	**ND**	0.010	EPA 365.1	10-24-22	1025/22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	10-222-01								
	ORIG	DUP							
Total Phosphorus	**0.216**	**0.218**	NA	NA	NA	NA	1	20	
MATRIX SPIKE									
Laboratory ID:	10-222-01								
	MS		MS		MS				
Total Phosphorus	**0.449**		0.250	0.216	93	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1024W2								
	SB		SB		SB				
Total Phosphorus	**0.224**		0.250	NA	90	78-110	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Copper	**6.0**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**28**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Copper	**8.8**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**47**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Copper	**41**	5.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**810**	25	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Copper	**32**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**54**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Copper	**13**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**110**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**7.1**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Copper	**2.6**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**41**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Copper	**27**	2.5	EPA 200.8	10-27-22	10-28-22	
Zinc	**340**	13	EPA 200.8	10-27-22	10-28-22	
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**6.5**	5.0	EPA 200.8	10-27-22	10-28-22	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1027WH2					
Copper	**ND**	1.0	EPA 200.8	10-27-22	10-28-22	
Zinc	**ND**	5.0	EPA 200.8	10-27-22	10-28-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-222-07										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	10-222-07										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**91.2**	**87.8**	100	100	ND	**91**	**88**	75-125	4	20	
Zinc	**97.6**	**94.0**	100	100	ND	**98**	**94**	75-125	4	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Copper	**4.4**	1.0	EPA 200.8		11-1-22	
Zinc	**7.7**	5.0	EPA 200.8		11-1-22	
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Copper	**5.0**	1.0	EPA 200.8		11-1-22	
Zinc	**7.1**	5.0	EPA 200.8		11-1-22	
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Copper	**4.5**	1.0	EPA 200.8		11-1-22	
Zinc	**13**	5.0	EPA 200.8		11-1-22	
Client ID:	**TYLMO-20221021**					
Laboratory ID:	10-222-04					
Copper	**25**	1.0	EPA 200.8		11-1-22	
Zinc	**15**	5.0	EPA 200.8		11-1-22	
Client ID:	**TYLMI-20221021**					
Laboratory ID:	10-222-05					
Copper	**1.5**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**MONMN-20221021**					
Laboratory ID:	10-222-06					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**MONMS-20221021**					
Laboratory ID:	10-222-07					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221021**					
Laboratory ID:	10-222-08					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**8.1**	5.0	EPA 200.8		11-1-22	
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Copper	**12**	1.0	EPA 200.8		11-1-22	
Zinc	**47**	5.0	EPA 200.8		11-1-22	
Client ID:	**SEIMN-20221021**					
Laboratory ID:	10-222-10					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**SEIMS-20221021**					
Laboratory ID:	10-222-11					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	
Client ID:	**QA125-20221021**					
Laboratory ID:	10-222-12					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1101D1					
Copper	**ND**	1.0	EPA 200.8		11-1-22	
Zinc	**ND**	5.0	EPA 200.8		11-1-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-294-01										
	ORIG	DUP									
Copper	**53.4**	**51.8**	NA	NA		NA		NA	3	20	
Zinc	**63.6**	**62.8**	NA	NA		NA		NA	1	20	
MATRIX SPIKES											
Laboratory ID:	10-294-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**127**	**126**	80.0	80.0	53.4	**92**	**91**	75-125	1	20	
Zinc	**140**	**138**	80.0	80.0	63.6	**96**	**93**	75-125	1	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221021**					
Laboratory ID:	10-222-01					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**0.010**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*20 - 106*				
Pyrene-d10	*66*	*19 - 104*				
Terphenyl-d14	*71*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221021**					
Laboratory ID:	10-222-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*80*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221021**					
Laboratory ID:	10-222-03					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*63*	*20 - 106*				
Pyrene-d10	*63*	*19 - 104*				
Terphenyl-d14	*76*	*41 - 127*				

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Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221021**					
Laboratory ID:	10-222-09					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*20 - 106*				
Pyrene-d10	*71*	*19 - 104*				
Terphenyl-d14	*71*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*44*	*20 - 106*				
Pyrene-d10	*52*	*19 - 104*				
Terphenyl-d14	*69*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: October 21, 2022
Laboratory Reference: 2210-222
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1026W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.364**	**0.321**	0.500	0.500	73	64	25 - 82	13	39	
Acenaphthylene	**0.438**	**0.354**	0.500	0.500	88	71	35 - 107	21	26	
Acenaphthene	**0.384**	**0.311**	0.500	0.500	77	62	33 - 99	21	26	
Fluorene	**0.423**	**0.458**	0.500	0.500	85	92	43 - 95	8	24	
Phenanthrene	**0.424**	**0.357**	0.500	0.500	85	71	49 - 100	17	20	
Anthracene	**0.407**	**0.347**	0.500	0.500	81	69	47 - 101	16	21	
Fluoranthene	**0.457**	**0.412**	0.500	0.500	91	82	51 - 115	10	23	
Pyrene	**0.437**	**0.402**	0.500	0.500	87	80	53 - 117	8	24	
Benzo[a]anthracene	**0.467**	**0.439**	0.500	0.500	93	88	57 - 114	6	21	
Chrysene	**0.457**	**0.403**	0.500	0.500	91	81	55 - 119	13	21	
Benzo[b]fluoranthene	**0.457**	**0.416**	0.500	0.500	91	83	56 - 125	9	26	
Benzo(j,k)fluoranthene	**0.446**	**0.421**	0.500	0.500	89	84	53 - 124	6	22	
Benzo[a]pyrene	**0.424**	**0.380**	0.500	0.500	85	76	54 - 119	11	22	
Indeno(1,2,3-c,d)pyrene	**0.456**	**0.379**	0.500	0.500	91	76	55 - 118	18	23	
Dibenz[a,h]anthracene	**0.418**	**0.362**	0.500	0.500	84	72	56 - 118	14	23	
Benzo[g,h,i]perylene	**0.438**	**0.367**	0.500	0.500	88	73	55 - 117	18	22	
Surrogate:										
2-Fluorobiphenyl					*64*	*58*	*20 - 106*			
Pyrene-d10					*74*	*76*	*19 - 104*			
Terphenyl-d14					*81*	*75*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Nov 11 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW

Dear BLAIR GOODROW:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
SEIMS-20221021	Water	22-A018468	Micro, NUT
QA125-20221021	Water	22-A018469	Micro, NUT
COUMO-20221021	Water	22-A018470	Micro, NUT
COUMI-20221021	Water	22-A018471	Micro, NUT
TOSMO-20221021	Water	22-A018472	Micro, NUT
TYLMO-20221021	Water	22-A018473	Micro, NUT
TYLMI-20221021	Water	22-A018474	Micro, NUT
MONMN-20221021	Water	22-A018475	Micro, NUT
MONMS-20221021	Water	22-A018476	Micro, NUT
MONM-20221021	Water	22-A018477	Micro, NUT
TOSMI-20221021	Water	22-A018478	Micro, NUT
SEIMN-20221021	Water	22-A018479	Micro, NUT

Your samples were received on Monday, October 24, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2226630
PO Number: 10-222

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Mineral

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
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Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2226630
Project #: 14-05806-000
PO Number: 10-222
All results reported on an as received basis.

Date Received: 10/24/22
Date Reported: 11/11/22

AMTEST Identification Number **22-A018468**
Client Identification **SEIMS-20221021**
Sampling Date **10/21/22, 15:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	520	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.05	mg/l		0.1			
Total Nitrogen (TKN)	0.742	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.306	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018469**
Client Identification **QA125-20221021**
Sampling Date **10/21/22, 15:12**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	680	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.74	mg/l		0.1			
Total Nitrogen (TKN)	0.558	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.179	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018470**
Client Identification **COUMO-20221021**
Sampling Date **10/21/22, 13:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2300	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.72	mg/l		0.1			
Total Nitrogen (TKN)	1.06	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.665	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018471**
Client Identification **COUMI-20221021**
Sampling Date **10/21/22, 13:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	480	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	2.79	mg/l		0.1			
Total Nitrogen (TKN)	1.69	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	1.10	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018472**
Client Identification **TOSMO-20221021**
Sampling Date **10/21/22, 14:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1700	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	4.98	mg/l		0.1			
Total Nitrogen (TKN)	4.20	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.783	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018473**
Client Identification **TYLMO-20221021**
Sampling Date **10/21/22, 14:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1500	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	3.42	mg/l		0.1			
Total Nitrogen (TKN)	2.42	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.998	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018474**
Client Identification **TYLMI-20221021**
Sampling Date **10/21/22, 15:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	160	CFU/100 ml		2	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.68	mg/l		0.1			
Total Nitrogen (TKN)	0.764	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.912	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018475**
Client Identification **MONMN-20221021**
Sampling Date **10/21/22, 15:12**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	720	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.78	mg/l		0.1			
Total Nitrogen (TKN)	0.640	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.145	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018476**
Client Identification **MONMS-20221021**
Sampling Date **10/21/22, 15:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	170	CFU/100 ml		2	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.68	mg/l		0.1			
Total Nitrogen (TKN)	0.506	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.179	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018477**
Client Identification **MONM-20221021**
Sampling Date **10/21/22, 15:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1300	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	1.15	mg/l		0.1			
Total Nitrogen (TKN)	0.804	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.343	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018478**
Client Identification **TOSMI-20221021**
Sampling Date **10/21/22, 12:50**

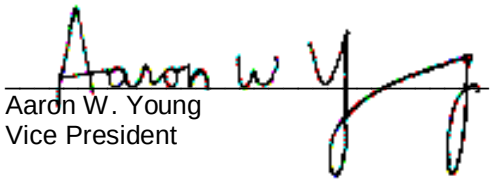
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1000	CFU/100 ml		20	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	3.72	mg/l		0.1			
Total Nitrogen (TKN)	2.49	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	1.23	mg/l		0.02	SM4500NO3	MD	10/27/22

AMTEST Identification Number **22-A018479**
Client Identification **SEIMN-20221021**
Sampling Date **10/21/22, 13:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	100	CFU/100 ml		2	SM 9222D	OB	10/24/22
Total Nitrogen (NOX&TKN)	0.68	mg/l		0.1			
Total Nitrogen (TKN)	0.416	mg/l		0.25	SM4500N	MD	11/08/22
Total Nitrate + Nitrite	0.265	mg/l		0.02	SM4500NO3	MD	10/27/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
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Professional Analytical Services

QC Summary for sample numbers: 22-A018468 to 22-A018479

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A018468	Fecal Coliform	CFU/100 ml	520	340	42.
22-A018477	Fecal Coliform	CFU/100 ml	1300	1400	7.4
22-A018442	Total Nitrogen (TKN)	mg/l	< 0.25	0.217	
22-A018475	Total Nitrogen (TKN)	mg/l	0.640	0.630	1.6
22-A018709	Total Nitrogen (TKN)	mg/l	0.454	0.455	0.22
22-A018787	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A018911	Total Nitrogen (TKN)	mg/l	0.443	0.449	1.3
22-A019136	Total Nitrogen (TKN)	mg/l	11.1	11.0	0.90
22-A019246	Total Nitrogen (TKN)	mg/l	0.978	0.984	0.61
22-A019253	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A018350	Total Nitrate + Nitrite	mg/l	0.090	0.092	2.2
22-A018370	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A018381	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A018456	Total Nitrate + Nitrite	mg/l	16.4	16.5	0.61
22-A018475	Total Nitrate + Nitrite	mg/l	0.145	0.165	13.
22-A018572	Total Nitrate + Nitrite	mg/l	2.30	2.34	1.7
22-A018692	Total Nitrate + Nitrite	mg/l	0.020	< 0.02	
22-A018712	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A018442	Total Nitrogen (TKN)	mg/l	< 0.25	2.13	2.00	106.50 %
22-A018475	Total Nitrogen (TKN)	mg/l	0.640	2.53	2.00	94.50 %
22-A018709	Total Nitrogen (TKN)	mg/l	0.454	2.36	2.00	95.30 %
22-A018787	Total Nitrogen (TKN)	mg/l	< 0.25	2.03	2.00	101.50 %
22-A018911	Total Nitrogen (TKN)	mg/l	0.443	2.32	2.00	93.85 %
22-A019136	Total Nitrogen (TKN)	mg/l	11.1	15.7	5.00	92.00 %
22-A019246	Total Nitrogen (TKN)	mg/l	0.978	3.00	2.00	101.10 %
22-A019253	Total Nitrogen (TKN)	mg/l	< 0.25	2.18	2.00	109.00 %
22-A018350	Total Nitrate + Nitrite	mg/l	0.090	1.11	1.00	102.00 %
22-A018370	Total Nitrate + Nitrite	mg/l	< 0.02	1.05	1.00	105.00 %
22-A018381	Total Nitrate + Nitrite	mg/l	< 0.02	1.04	1.00	104.00 %
22-A018456	Total Nitrate + Nitrite	mg/l	16.4	26.8	10.0	104.00 %
22-A018475	Total Nitrate + Nitrite	mg/l	0.145	1.20	1.00	105.50 %
22-A018572	Total Nitrate + Nitrite	mg/l	2.30	3.36	1.00	106.00 %
22-A018692	Total Nitrate + Nitrite	mg/l	0.020	1.09	1.00	107.00 %
22-A018712	Total Nitrate + Nitrite	mg/l	< 0.02	1.06	1.00	106.00 %

QC Summary for sample numbers: 22-A018468 to 22-A018479...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.928	92.8 %
Total Nitrogen (TKN)	mg/l	1.00	0.913	91.3 %
Total Nitrogen (TKN)	mg/l	1.00	0.925	92.5 %
Total Nitrogen (TKN)	mg/l	1.00	0.999	99.9 %
Total Nitrate + Nitrite	mg/l	1.00	1.08	108. %
Total Nitrate + Nitrite	mg/l	1.00	1.08	108. %
Total Nitrate + Nitrite	mg/l	1.00	1.06	106. %
Total Nitrate + Nitrite	mg/l	1.00	1.07	107. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

P.11

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-222

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	SEIMS-20221021 18468	10/21/22	15:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	QA125-20221021 18469	10/21/22	15:12	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/24/22	1145	
Received by:	AmTest	10/24/22	1145	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

5.3°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-222

Laboratory: AmTest Laboratories

Turnaround Request

Project Manager: Blair Goodrow

Attention: Aaron Young

1 Day 2 Day 3 Day

email: bgoodrow@onsite-env.com

13600 NE 126th Pl Kirkland, WA 98034

Standard

Project Number: 14-05806-000

Phone Number: (425) 885-1664

Other: _____

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20221021 18470	10/21/22	13:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20221021 18471	10/21/22	13:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20221021 18472	10/21/22	14:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20221021 18473	10/21/22	14:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20221021 18474	10/21/22	15:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20221021 18475	10/21/22	15:12	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20221021 18476	10/21/22	15:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20221021 18477	10/21/22	15:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20221021 18478	10/21/22	12:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20221021 18479	10/21/22	13:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/24/22	1145	
Received by: KO	AmTest	10/24/22	1145	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

5.3°C

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG83232	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38290-1	COUMO-2022-1021
L38290-2	COUMI-2022-1021
L38290-3	TOSMO-2022-1021
L38290-4	TOSMI-2022-1021

Blank: WG83232-101

Reference or Spike: WG83232-102

Duplicate:

Resubmission 26-Jan-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

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February 2017

www.sgsaxys.com

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-222

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

Address: 2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-2022-1021	10/21/22	13:05	w	1	6PPD-q L38290 -1
	COUMI-2022-1021	10/21/22	13:30	w	1	6PPD-q -2
	TOSMO-2022-1021	10/21/22	14:05	w	1	6PPD-q -3
	TOSMI-2022-1021	10/21/22	12:50	w	1	6PPD-q -4

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/26/22	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: KAB		28OCT22	1345	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-2022-1021
Sample Collection:
21-Oct-2022 13:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-1
Matrix:	AQUEOUS	**Sample Size:**	0.501 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:22:49	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		24.1	0.0998 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38290-1_Form1A_AO2V_074S14_SJ3155128.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-2022-1021
Sample Collection:
21-Oct-2022 13:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-1
Matrix:	AQUEOUS	**Sample Size:**	0.501 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:22:49	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.1	38.8	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L38290-1_Form2_AO2V_074S14_SJ3155128.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-2022-1021
Sample Collection:
21-Oct-2022 13:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-2
Matrix:	AQUEOUS	**Sample Size:**	0.490 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:49:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		10.7	0.102 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38290-2_Form1A_AO2V_074S16_SJ3155130.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-2022-1021
Sample Collection:
21-Oct-2022 13:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-2
Matrix:	AQUEOUS	**Sample Size:**	0.490 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 14:49:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.7	46.1	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L38290-2_Form2_AO2V_074S16_SJ3155130.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-2022-1021
Sample Collection:
21-Oct-2022 14:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-3
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:17:05	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.80	0.119 (S)	6:06

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Report Filename: LC_AO_LC_AO118_POS_L38290-3_Form1A_AO2V_074S18_SJ3155132.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-2022-1021
Sample Collection:
21-Oct-2022 14:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-3
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:17:05	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.5	39.7	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-2022-1021
Sample Collection:
21-Oct-2022 12:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-4
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:44:10	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		11.4	0.163 (S)	6:06

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SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-2022-1021
Sample Collection:
21-Oct-2022 12:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38290-4
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	28-Oct-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 15:44:10	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	16.7	34.0	6:04

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38290-4_Form2_AO2V_074S20_SJ3155134.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83232-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:55:40	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG83232-101_Form1A_AO2V_074S12_SJ3155126.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83232-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	03-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Analysis Date:	07-Nov-2022 **Time:** 13:55:40	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO2V_074 S: 12**
Dilution Factor:	N/A	**Blank Data Filename:**	AO2V_074 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	25.2	51.2	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-101_Form2_AO2V_074S12_SJ3155126.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83232-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:01:28	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO2V_074 S: 8**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.14	103	6:06

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-102_Form8A_SJ3155122.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83232-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:01:28	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO2V_074 S: 8**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	24.1	48.9	6:04

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-102_Form8B_SJ3155122.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
Diphenylamine		135	107	90.8	98.8	87.8	94.1	94.4	92.0	
6PPD		133	100	80.6	86.0					
6PPD-Quinone		96.3	91.9	105	97.1	97.9	98.7	106	106	

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3A_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d6-Diphenylamine		115	91.3	110	107	106	91.8	89.9	87.6	
d5-6PPD-Quinone		106	90.6	110	108	108	88.3	98.5	91.1	

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3B_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
Diphenylamine		5:08	5:07	5:08	5:07	5:08	5:08	5:07	5:08		5:08
6PPD		4:24	4:24	4:24	4:24						4:24
6PPD-Quinone		6:07	6:07	6:06	6:07	6:07	6:07	6:06	6:07		6:07

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3C_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		RETENTION TIMES								
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d6-Diphenylamine		5:05	5:05	5:05	5:05	5:05	5:05	5:05	5:05		5:05
d5-6PPD-Quinone		6:05	6:05	6:05	6:05	6:05	6:05	6:05	6:05		6:05

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3D_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	27-Oct-2022	**VER Data Filename:**	AO2V_074 S: 4
Instrument ID:	LC MS/MS	**Analysis Date:**	07-Nov-2022
LC Column ID:	C18	**Analysis Time:**	12:07:15

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
Diphenylamine		5:08	10.0	9.05	90.5
6PPD		4:23	1.00	0.76	75.8
6PPD-Quinone		6:06	1.00	1.05	105

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO2V_074S4__Form4A_SJ3155118.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	27-Oct-2022	**VER Data Filename:**	AO2V_074 S: 4
Instrument ID:	LC MS/MS	**Analysis Date:**	07-Nov-2022
LC Column ID:	C18	**Analysis Time:**	12:07:15

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d6-Diphenylamine		5:05	204	184	90.1
d5-6PPD-Quinone		6:05	49.2	38.0	77.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 13:47:57; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO2V_074S4__Form4B_SJ3155118.html; Workgroup: WG83232; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable													AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 10-222

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 – 1021	10/21/22	13:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		13:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		14:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		14:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022		15:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022		15:12	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022		15:40	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022		15:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022		12:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022		13:55	Water	7	X	X	X	X	X	X	X	X	X		
~~11~~	~~COLM-2022~~		~~NA~~	~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
11	SEIMS-2022		15:50	Water	7	X	X	X	X	X	X	X	X	X		
12	QA 25-2022-1021		15:12	Water	7	X	X	X	X	X	X	X	X	X		

not received

Relinquished by David Garcia Date 10/21/22 Received by _____ Date _____
Firm Herrera Time 16:51 Firm _____ Time _____
Relinquished by Received Date 10/21/22 Received by _____ Date _____
Firm OSE Time 1708 Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 10-222

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 – 1021	10/21/22	13:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022	"	13:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022	"	14:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022	"	14:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022	"	15:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022	"	15:12	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022	"	15:40	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022	"	15:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022	"	12 50	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022	"	13:55	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022	"	NA	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022	"	15:50	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 125 – 2022 – 1021	"	15:12	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 10/21/22 Received by _____ Date _____
Firm Herrera Time 16:51 Firm _____ Time _____
Relinquished by Received Date 10/21/22 Received by _____ Date _____
Firm OSE Time 1708 Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	10/21/22 10:11
Barometric Pressure Start of Day:	mmHg: 10:11 Time: 762.2
Barometric Pressure End of Day:	mmHg: 764.6 Time: 13:30

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.0	0	23.7	
Conductivity (µS/cm) *	1368	1,405 ~~1,000~~	25.8	out of 1,000, calibrated using 1413 solution
~~Conductivity (µS/cm)~~		100		
DO % Saturation	90.5	100	23.4	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.8	0	23.1	
Conductivity (µS/cm)	1408	1413 ~~100~~	23.6	
DO % Saturation	100.5	100	22.9	

*Solution has been ordered

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000		
Personnel Performing Calibration:	D. Garcia		
Meter:	Pro DSS #1		
Date/Time:	10/21/22	10:22	
Barometric Pressure Start of Day:	mmHg: 762.1	Time:	10:22
Barometric Pressure End of Day:	mmHg: 764.4	Time:	18:22

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.2	0	22.9	
Conductivity (µS/cm)	1346	~~1402~~ ~~1000~~	22.8	out of 1,000, calibrated w/1400 solution *
~~Conductivity (µS/cm)~~		~~100~~		
DO % Saturation	99.4	100	22.8	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.2	0	4.5	
Conductivity (µS/cm)	1404	~~1402~~ ~~100~~	22.7	
DO % Saturation	100.8	100	21.9	

* Solution has been ordered

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/22 **Sample Time:** 15 40 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: MoNMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rainy, 50°F

Water Quality Sampling

Sample ID: MoNMS-2022-102

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Clear
Odor:	strong garbage odor
Sheen:	N.A
Floatables:	NA

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.84

Reference Point (description): Water level indicator

Water Quality Measurments

Temperature (°C) 12.2

Specific Conductivity (µs/cm) 292.5

Dissolved Oxygen (mg/L) 6.87

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/2022 **Sample Time:** 12:50 PDT: PST:

Base Flow or Storm Event? Storm **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain/storm, 54°F

Water Quality Sampling

Sample ID: TOSMI-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Turbid
Color:	Yellowish brown
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.87

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 13.8

Specific Conductivity (µs/cm) 300.5

Dissolved Oxygen (mg/L) 10.15

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/2022 **Sample Time:** 13:55 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SGIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rainy, 54°F

Water Quality Sampling

Sample ID: SGIMN-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	slightly turbid
Color:	clear
Odor:	None
Sheen:	None
Floatables:	None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.542

Reference Point (description): Tape measure

Water Quality Measurments

Temperature (°C) 10.5

Specific Conductivity (µs/cm) 122.8

Dissolved Oxygen (mg/L) 10.97

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, XZ

Sample Date: 10/21/22 **Sample Time:** ~~XX~~ — N/A PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N X
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rainy, 50°F

Water Quality Sampling

Sample ID: COLM - 2022 - 1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): NA

Reference Point (description): NA

Water Quality Measurments

Temperature (°C) NA

Specific Conductivity (µs/cm) NA

Dissolved Oxygen (mg/L) NA

Channel is dry, recorded with photo

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG, KZ

Sample Date: 10/21/2022 **Sample Time:** 1512 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y/N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: MONMN - 2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA125-2022-1021

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: slightly turbid

Color: clear

Odor: None

Sheen: None

Floatables: None

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.22

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 11.4

Specific Conductivity (µs/cm) 299.1

Dissolved Oxygen (mg/L) 10.03

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 15:25 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: MONM-1021-2022

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	clear
Odor:	no
Sheen:	no
Floatables:	no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 ✓
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.81

Reference Point (description): S. gage

Water Quality Measurments

Temperature (°C) 10.4

Specific Conductivity (µs/cm) 285.5

Dissolved Oxygen (mg/L) 10.91

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN & EF

Sample Date: 10/21/22 **Sample Time:** 13:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: COUMO-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020) ✓

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.39

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 11.5°C

Specific Conductivity (µs/cm) 299.0

Dissolved Oxygen (mg/L) 9.96

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 13:30 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: COUM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 51°F

Water Quality Sampling

Sample ID: COUM1-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020) ✓
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): NA (below gage)

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 10.2

Specific Conductivity (µs/cm) 348.1

Dissolved Oxygen (mg/L) 11.02

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: ANTEF

Sample Date: **Sample Time:** 14:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later?** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 52°F

Water Quality Sampling

Sample ID: TOSMO-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NF
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky / brown

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.62

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 10.3

Specific Conductivity (µs/cm) 298.7

Dissolved Oxygen (mg/L) 11.02

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN+EF

Sample Date: 10/21/22 **Sample Time:** 14:40 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Rain, 50° F

Water Quality Sampling

Sample ID: TYLMO-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description): CULVERT

Water Quality Measurments

Temperature (°C) 11.1

Specific Conductivity (µs/cm) 224.0

Dissolved Oxygen (mg/L) 10.24

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 15:10 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:

(Must filter within 15 minutes of collection)

SITE ID: TYCM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 51°F

Water Quality Sampling

Sample ID: TYLM1-2022-1021

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N/A
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear/murky
Color:	brown
Odor:	None
Sheen:	None
Floatables:	Yes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 ✓
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.42

Reference Point (description): culvert

Water Quality Measurments

Temperature (°C) 11.3

Specific Conductivity (µs/cm) 273.2

Dissolved Oxygen (mg/L) 9.75

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: AN + EF

Sample Date: 10/21/22 **Sample Time:** 15:50 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Rain, 50°F

Water Quality Sampling

Sample ID: SEIMS-2022-1024

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear/murky

Color: brown

Odor: none

Sheen: none

Floatables: yes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 ✓

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.87

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 9.4

Specific Conductivity (µs/cm) 1357

Dissolved Oxygen (mg/L) 10.91

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 1/31/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 10/21/2022 /All locations, QA125 (MONMN) Lab Ref No 2210-222

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	3, 5	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	84, 121	**±20**	2, <1	**≤ 25**	21	**≤ 25**	OK	NO FLAG DUE TO SLIGHT LCS EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	4	**≤ 25**	9	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	6	**≤180**	≤1.0 mg/L 1.0 mg/L	93, 105	**±25**	106	**±15**	4 MS 6	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	12	**≤28**	≤1.0 mg/L 1.0 mg/L	107	**±25**	113	**±15**	3	**≤ 20**	2	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	3	**≤28**	≤0.01 mg/L 0.01 mg/L	93	**±25**	90	**±20**	1	**≤ 20**	9	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	6, 18	**≤28**	≤0.1 mg/L 0.1 mg/L	92-109	**±25**	91-108	**±20**	NC 1-13 D=0.001 -0.01	**≤ 20**	21 D=0.08	**≤ 20**	OK	NO FLAG FOR SLIGHT FIELD DUPE EXCEEDANCE FOR TKN

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 1/31/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 10/21/2022 /All locations, QA125 (MONMN) Lab Ref No 2210-222

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	91, 88	**±25**	NR	**±15**	NC MS 4	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	98, 94	**±25**	NR	**±15**	NC MS 4	**≤ 20**	D=0.6	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	11	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 91	**±25**	NR	**±15**	3 MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	11	**≤180**	≤5.0 µg/L 5.0 µg/L	96, 93	**±25**	NR	**±15**	1 MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	3	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	42, 7	**≤ 35**	6	**≤ 50**	OK	FLAG ALL J DUE TO HOLDING TIME EXCEEDANCE. FLAG SEIMS J DUE TO LAB DUPE EXCEEDANCE.
6PPD-q	OK/ MLA-118	NA	**NA**	13, 5	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	MS 103	**±30**	SURR 34-49	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR – 86-133% CCV – 76%	NONE, LAB DUPLICATES WILL BE PROVIDED BY LABORATORY FOR FUTURE SAMPLES
PAHs	OK/ EPA 8270E SIM	NA	**NA**	5, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 44-80	**SURR 19-127**	62-93	**25-125[4]**	6-18 D=0.04 -0.09	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2210-298

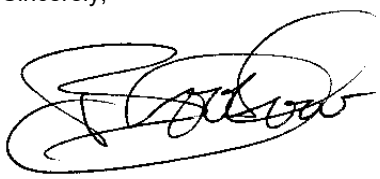
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on October 26, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

Case Narrative

Samples were collected on October 26, 2022 and received by the laboratory on October 26, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221026**					
Laboratory ID:	10-298-01					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*58*	*20 - 106*				
Pyrene-d10	*71*	*19 - 104*				
Terphenyl-d14	*78*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221026**					
Laboratory ID:	10-298-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	10-26-22	10-31-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*54*	*20 - 106*				
Pyrene-d10	*67*	*19 - 104*				
Terphenyl-d14	*68*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221026**					
Laboratory ID:	10-298-03					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*20 - 106*				
Pyrene-d10	*67*	*19 - 104*				
Terphenyl-d14	*67*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221026**					
Laboratory ID:	10-298-04					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-31-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*48*	*20 - 106*				
Pyrene-d10	*76*	*19 - 104*				
Terphenyl-d14	*74*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1026W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	10-26-22	10-26-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*44*	*20 - 106*				
Pyrene-d10	*52*	*19 - 104*				
Terphenyl-d14	*69*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: October 26, 2022
Laboratory Reference: 2210-298
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1026W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.364**	**0.321**	0.500	0.500	73	64	25 - 82	13	39	
Acenaphthylene	**0.438**	**0.354**	0.500	0.500	88	71	35 - 107	21	26	
Acenaphthene	**0.384**	**0.311**	0.500	0.500	77	62	33 - 99	21	26	
Fluorene	**0.423**	**0.458**	0.500	0.500	85	92	43 - 95	8	24	
Phenanthrene	**0.424**	**0.357**	0.500	0.500	85	71	49 - 100	17	20	
Anthracene	**0.407**	**0.347**	0.500	0.500	81	69	47 - 101	16	21	
Fluoranthene	**0.457**	**0.412**	0.500	0.500	91	82	51 - 115	10	23	
Pyrene	**0.437**	**0.402**	0.500	0.500	87	80	53 - 117	8	24	
Benzo[a]anthracene	**0.467**	**0.439**	0.500	0.500	93	88	57 - 114	6	21	
Chrysene	**0.457**	**0.403**	0.500	0.500	91	81	55 - 119	13	21	
Benzo[b]fluoranthene	**0.457**	**0.416**	0.500	0.500	91	83	56 - 125	9	26	
Benzo(j,k)fluoranthene	**0.446**	**0.421**	0.500	0.500	89	84	53 - 124	6	22	
Benzo[a]pyrene	**0.424**	**0.380**	0.500	0.500	85	76	54 - 119	11	22	
Indeno(1,2,3-c,d)pyrene	**0.456**	**0.379**	0.500	0.500	91	76	55 - 118	18	23	
Dibenz[a,h]anthracene	**0.418**	**0.362**	0.500	0.500	84	72	56 - 118	14	23	
Benzo[g,h,i]perylene	**0.438**	**0.367**	0.500	0.500	88	73	55 - 117	18	22	
Surrogate:										
2-Fluorobiphenyl					*64*	*58*	*20 - 106*			
Pyrene-d10					*74*	*76*	*19 - 104*			
Terphenyl-d14					*81*	*75*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

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SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG83232	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38315-1	COUMO-2022-1026
L38315-2	COUMI-2022-1026
L38315-3	TOSMO-2022-1026
L38315-4	TOSMI-2022-1026

Blank: WG83232-101

Reference or Spike: WG83232-102

Duplicate:

Resubmission 26-Jan-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

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February 2017

www.sgsaxys.com

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 10-298

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

Address: 2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other:

Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-2022-1026	10/26/22	13:35	w	2	6PPD-q L30315 - 1
	COUMI-2022-1026	10/26/22	14:05	w	2	6PPD-q - 2
	TOSMO-2022-1026	10/26/22	15:00	w	2	6PPD-q - 3
	TOSMI-2022-1026	10/26/22	14:30	w	2	6PPD-q - 4

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	10/31/22	3:15 pm	
Received by: IVA LEWNEY	SGS-AXYS	01-NOV-22	12:45	
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-2022-1026
Sample Collection:
26-Oct-2022 13:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-1
Matrix:	AQUEOUS	**Sample Size:**	0.487 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 16:11:14	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		7.67	0.103 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38315-1_Form1A_AO2V_074S22_SJ3155136.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-2022-1026
Sample Collection:
26-Oct-2022 13:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-1
Matrix:	AQUEOUS	**Sample Size:**	0.487 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 16:11:14	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	24.4	49.7	6:04

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-2022-1026
Sample Collection:
26-Oct-2022 14:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-2
Matrix:	AQUEOUS	**Sample Size:**	0.481 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 16:38:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 24**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		0.450	0.104 (L)	6:07

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38315-2_Form1A_AO2V_074S24_SJ3155138.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-2022-1026
Sample Collection:
26-Oct-2022 14:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-2
Matrix:	AQUEOUS	**Sample Size:**	0.481 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 16:38:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 24**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	24.8	50.4	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38315-2_Form2_AO2V_074S24_SJ3155138.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-2022-1026
Sample Collection:
26-Oct-2022 15:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-3
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 17:05:39	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 26**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.25	0.101 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38315-3_Form1A_AO2V_074S26_SJ3155140.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-2022-1026
Sample Collection:
26-Oct-2022 15:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-3
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 17:05:39	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 26**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	24.7	50.3	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38315-3_Form2_AO2V_074S26_SJ3155140.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-2022-1026
Sample Collection:
26-Oct-2022 14:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-4
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 17:32:43	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		8.43	0.103 (L)	6:06

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38315-4_Form1A_AO2V_074S28_SJ3155142.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-2022-1026
Sample Collection:
26-Oct-2022 14:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38315-4
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	01-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 17:32:43	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	26.2	53.3	6:04

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38315-4_Form2_AO2V_074S28_SJ3155142.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83232-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:55:40	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO2V_074 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-101_Form1A_AO2V_074S12_SJ3155126.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83232-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	03-Nov-2022	**Initial Calibration Date:**	27-Oct-2022
Analysis Date:	07-Nov-2022 **Time:** 13:55:40	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO2V_074 S: 12**
Dilution Factor:	N/A	**Blank Data Filename:**	AO2V_074 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	25.2	51.2	6:05

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-101_Form2_AO2V_074S12_SJ3155126.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83232-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:01:28	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO2V_074 S: 8**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.14	103	6:06

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-102_Form8A_SJ3155122.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83232-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	27-Oct-2022
Extraction Date:	03-Nov-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	07-Nov-2022 **Time:** 13:01:28	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO2V_074 S: 8**
Injection Volume (uL):	3	**Blank Data Filename:**	AO2V_074 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO2V_074 S: 4

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	24.1	48.9	6:04

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83232-102_Form8B_SJ3155122.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
Diphenylamine		135	107	90.8	98.8	87.8	94.1	94.4	92.0	
6PPD		133	100	80.6	86.0					
6PPD-Quinone		96.3	91.9	105	97.1	97.9	98.7	106	106	

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3A_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6

CS1 Data Filename: AO2V_072 S: 7

CS2 Data Filename: AO2V_072 S: 8

CS3 Data Filename: AO2V_072 S: 9

CS4 Data Filename: AO2V_072 S: 10

CS5 Data Filename: AO2V_072 S: 11

CS6 Data Filename: AO2V_072 S: 12

CS7 Data Filename: AO2V_072 S: 13

CS8 Data Filename: N/A

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d6-Diphenylamine		115	91.3	110	107	106	91.8	89.9	87.6	
d5-6PPD-Quinone		106	90.6	110	108	108	88.3	98.5	91.1	

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3B_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6
CS1 Data Filename: AO2V_072 S: 7
CS2 Data Filename: AO2V_072 S: 8
CS3 Data Filename: AO2V_072 S: 9
CS4 Data Filename: AO2V_072 S: 10
CS5 Data Filename: AO2V_072 S: 11
CS6 Data Filename: AO2V_072 S: 12
CS7 Data Filename: AO2V_072 S: 13
CS8 Data Filename: N/A

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
Diphenylamine		5:08	5:07	5:08	5:07	5:08	5:08	5:07	5:08		5:08
6PPD		4:24	4:24	4:24	4:24						4:24
6PPD-Quinone		6:07	6:07	6:06	6:07	6:07	6:07	6:06	6:07		6:07

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3C_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 27-Oct-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: AO2V_072 S: 6
CS1 Data Filename: AO2V_072 S: 7
CS2 Data Filename: AO2V_072 S: 8
CS3 Data Filename: AO2V_072 S: 9
CS4 Data Filename: AO2V_072 S: 10
CS5 Data Filename: AO2V_072 S: 11
CS6 Data Filename: AO2V_072 S: 12
CS7 Data Filename: AO2V_072 S: 13
CS8 Data Filename: N/A

		RETENTION TIMES								
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d6-Diphenylamine		5:05	5:05	5:05	5:05	5:05	5:05	5:05	5:05		5:05
d5-6PPD-Quinone		6:05	6:05	6:05	6:05	6:05	6:05	6:05	6:05		6:05

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_27-Oct-2022_AO2V__Form3D_GS100076.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	27-Oct-2022	**VER Data Filename:**	AO2V_074 S: 4
Instrument ID:	LC MS/MS	**Analysis Date:**	07-Nov-2022
LC Column ID:	C18	**Analysis Time:**	12:07:15

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
Diphenylamine		5:08	10.0	9.05	90.5
6PPD		4:23	1.00	0.76	75.8
6PPD-Quinone		6:06	1.00	1.05	105

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO2V_074S4__Form4A_SJ3155118.html; Workgroup: WG83232; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	27-Oct-2022	**VER Data Filename:**	AO2V_074 S: 4
Instrument ID:	LC MS/MS	**Analysis Date:**	07-Nov-2022
LC Column ID:	C18	**Analysis Time:**	12:07:15

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d6-Diphenylamine		5:05	204	184	90.1
d5-6PPD-Quinone		6:05	49.2	38.0	77.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 13:49:57; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO2V_074S4__Form4B_SJ3155118.html; Workgroup: WG83232; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
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PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

Accreditation Scope

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable													AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 10-298

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 - 1026	10/26/22	13:35	Water	4										X	X
2	COUMI-2022 - 1026	"	14:05	Water	4										X	X
3	TOSMO-2022 - 1026	"	15:00	Water	4										X	X
4	TOSMI-2022 - 1026	"	14:30	Water	4										X	X

Relinquished by David Garcia Date 10/26/22 Received by _____ Date 10/26/22

Firm Herrera Env. Time 15:30 Firm ORE Time 1530

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 10-298

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 - 1026	10/26/22	13:35	Water	4										X	X
2	COUMI-2022 - 1026	↓	14:05	Water	4										X	X
3	TOSMO-2022 - 1026		15:00	Water	4										X	X
4	TOSMI-2022 - 1026	↓	14:30	Water	4										X	X

Relinquished by David Garcia Date 10/26/22 Received by _____ Date 10/26/22
Firm Herrera Env. Time 15:30 Firm ODE Time 1530

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 10/26/22 **Sample Time:** 3:15:00 PDT: X PST:

Base Flow or Storm Event? Base **Field filtered 5 minutes later:** Y (N)
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Cloudy, 50°F

Water Quality Sampling

Sample ID: TOSMO-1026

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	no color
Odor:	no odor
Sheen:	no sheen
Floatables:	no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 X

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.54

Reference Point (description): staff gauge

Water Quality Measurments

Temperature (°C) 10.2

Specific Conductivity (µs/cm) 255.1

Dissolved Oxygen (mg/L) 11.86

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 10/26/22 **Sample Time:** 14:30 PDT: X PST:

Base Flow or Storm Event? Base **Field filtered 5 minutes later:** Y N

(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Cloudy, 50°F

Water Quality Sampling

Sample ID: TOSMI-1026

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	slightly cloudy
Color:	very, foggy light brown
Odor:	no odor
Sheen:	no sheen
Floatables:	no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 X

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.78

Reference Point (description): staff gauge

Water Quality Measurments

Temperature (°C) 10.9

Specific Conductivity (µs/cm) 282.4

Dissolved Oxygen (mg/L) 11.40

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: [redacted] David Garcia, Scott Shumway

Sample Date: 10/28/22 **Sample Time:** 14:05 PDT: X PST:

Base Flow or Storm Event? Base **Field filtered 5 minutes later:** Y (N)
(Must filter within 15 minutes of collection)

SITE ID: CHOMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Cloudy, 50°F

Water Quality Sampling

Sample ID: CHOMI-1026

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	no color
Odor:	no odor
Sheen:	no sheen
Floatables:	no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 X

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.7

Reference Point (description): staff gauge difficult to view, best estimation made

Water Quality Measurments

Temperature (°C) 10.1

Specific Conductivity (µs/cm) 304.4

Dissolved Oxygen (mg/L) 11.89

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 10/26/2022 **Sample Time:** 13:35 PDT: X PST:

Base Flow or Storm Event? Base **Field filtered 5 minutes later:** Y (N)
(Must filter within 15 minutes of collection)

SITE ID: CHOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Cloudy, 50°F

Water Quality Sampling

Sample ID: CHOMO2022-10/26

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	no color
Odor:	no odor
Sheen:	no sheen
Floatables:	no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 X

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.41

Reference Point (description): staff gauge

Water Quality Measurments

Temperature (°C) 10.7

Specific Conductivity (µs/cm) 263.1

Dissolved Oxygen (mg/L) 11.46

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/22/23 Page 1 of 1

Laboratory/Parameters: OnSite Environmental: PAHs / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 10/26/2022 /COUMO, COUMI, TOSMO, TOSMI, Lab Ref No 2210-298

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
6PPD-q	OK/ MLA-118	NA	**NA**	8, 4	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	103	**±30**	SURR 50-53	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =92-106% CCV = 105%	NONE
PAHs	OK/ EPA 8270E SIM	NA	**NA**	<1, 5	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 48-78	**19-127[4]**	62-93	**25-125[4]**	6-18 D=0.04-0.09	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2211-296

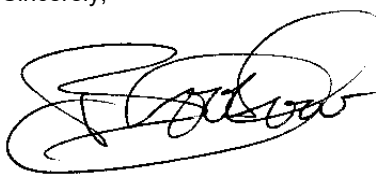
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on November 22, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

Case Narrative

Samples were collected on November 22, 2022 and received by the laboratory on November 22, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Total Suspended Solids	**11**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Total Suspended Solids	**16**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Total Suspended Solids	**49**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Total Suspended Solids	**31**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Total Suspended Solids	**8.4**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Total Suspended Solids	**28**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Total Suspended Solids	**16**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Total Suspended Solids	**53**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Total Suspended Solids	**51**	1.0	SM 2540D	11-22-22	11-22-22	

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TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Total Suspended Solids	**100**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Total Suspended Solids	**5.0**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Total Suspended Solids	**93**	1.0	SM 2540D	11-22-22	11-22-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Total Suspended Solids	**56**	1.0	SM 2540D	11-22-22	11-22-22	

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TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1122W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	11-22-22	11-22-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-295-01								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB1122W1								
	SB		SB		SB				
Total Suspended Solids	**86.0**		100	NA	86	67-112	NA	NA	

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TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Turbidity	**4.2**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Turbidity	**2.1**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Turbidity	**9.2**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Turbidity	**3.8**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Turbidity	**0.78**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Turbidity	**3.4**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Turbidity	**4.0**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Turbidity	**3.3**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Turbidity	**16**	0.10	EPA 180.1	11-23-22	11-23-22	

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TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Turbidity	**3.1**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Turbidity	**0.48**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Turbidity	**2.9**	0.10	EPA 180.1	11-23-22	11-23-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Turbidity	**3.1**	0.10	EPA 180.1	11-23-22	11-23-22	

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TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1123W1					
Turbidity	**ND**	0.10	EPA 180.1	11-23-22	11-23-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-296-01								
	ORIG	DUP							
Turbidity	**4.16**	**4.30**	NA	NA	NA	NA	3	18	

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HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Hardness	**170**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Hardness	**73**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Hardness	**110**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Hardness	**95**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	

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HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Hardness	**130**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Hardness	**14**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Hardness	**55**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Hardness	**99**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	

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HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1123WH3					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	11-23-22	11-28-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-296-01										
	ORIG	DUP									
Hardness	**110**	**116**	NA		NA	NA		NA	5	20	
MATRIX SPIKES											
Laboratory ID:	11-296-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**252**	**255**	132	132	110	108	110	75-125	1	20	
SPIKE BLANK											
Laboratory ID:	SB1123WH3										
	SB		SB			SB					
Hardness	**139**		132		NA	105		85-115	NA	NA	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Dissolved Organic Carbon	**15**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Dissolved Organic Carbon	**9.0**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Dissolved Organic Carbon	**16**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Dissolved Organic Carbon	**15**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Dissolved Organic Carbon	**20**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Dissolved Organic Carbon	**12**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Dissolved Organic Carbon	**18**	1.0	SM 5310B	12-7-22	12-7-22	

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DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Dissolved Organic Carbon	**8.2**	1.0	SM 5310B	12-7-22	12-7-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Dissolved Organic Carbon	**13**	1.0	SM 5310B	12-7-22	12-7-22	

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DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1207D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	12-7-22	12-7-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-296-02								
	ORIG	DUP							
Dissolved Organic Carbon	**8.98**	**9.08**	NA	NA	NA	NA	1	15	
MATRIX SPIKE									
Laboratory ID:	11-296-02								
	MS		MS		MS				
Dissolved Organic Carbon	**19.8**		10.0	8.98	108	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1207D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.6**		10.0	NA	106	88-118	NA	NA	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Total Phosphorus	**0.14**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Total Phosphorus	**0.17**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Total Phosphorus	**0.15**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Total Phosphorus	**0.090**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Total Phosphorus	**0.048**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Total Phosphorus	**0.12**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Total Phosphorus	**0.14**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Total Phosphorus	**0.13**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Total Phosphorus	**0.28**	0.010	EPA 365.1	11-28-22	11-29-22	

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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Total Phosphorus	**0.12**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Total Phosphorus	**0.15**	0.010	EPA 365.1	11-28-22	11-29-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Total Phosphorus	**0.12**	0.010	EPA 365.1	11-28-22	11-29-22	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1128W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	11-28-22	11-29-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-295-01								
	ORIG	DUP							
Total Phosphorus	**0.0452**	**0.0468**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	11-295-01								
	MS		MS		MS				
Total Phosphorus	**0.293**		0.250	0.0452	99	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1128W1								
	SB		SB		SB				
Total Phosphorus	**0.220**		0.250	NA	88	78-110	NA	NA	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Copper	**7.1**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**3800**	130	EPA 200.8	11-28-22	11-28-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Copper	**4.2**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**140**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Copper	**5.6**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**95**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Copper	**9.8**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**22**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Copper	**2.8**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**18**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Copper	**1.3**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**10**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Copper	**2.9**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**5.5**	5.0	EPA 200.8	11-28-22	11-28-22	

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TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Copper	**2.6**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**44**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Copper	**8.5**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**160**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Copper	**1.8**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**ND**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Copper	**ND**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**ND**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Copper	**1.7**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**6.4**	5.0	EPA 200.8	11-28-22	11-28-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Copper	**2.6**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**40**	5.0	EPA 200.8	11-28-22	11-28-22	

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Date of Report: January 26, 2023
Samples Submitted: November 22, 2022
Laboratory Reference: 2211-296
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1128WH2					
Copper	**ND**	1.0	EPA 200.8	11-28-22	11-28-22	
Zinc	**ND**	5.0	EPA 200.8	11-28-22	11-28-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-296-10										
	ORIG	DUP									
Copper	**1.84**	**1.74**	NA	NA		NA		NA	6	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	11-296-10										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**91.0**	**89.8**	100	100	1.84	**89**	**88**	75-125	1	20	
Zinc	**95.2**	**93.0**	100	100	ND	**95**	**93**	75-125	2	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Copper	**5.5**	1.0	EPA 200.8		11-30-22	
Zinc	**3600**	130	EPA 200.8		11-30-22	
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Copper	**2.9**	1.0	EPA 200.8		11-30-22	
Zinc	**56**	5.0	EPA 200.8		11-30-22	
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Copper	**2.9**	1.0	EPA 200.8		11-30-22	
Zinc	**45**	5.0	EPA 200.8		11-30-22	
Client ID:	**TYLMO-20221122**					
Laboratory ID:	11-296-04					
Copper	**7.2**	1.0	EPA 200.8		11-30-22	
Zinc	**12**	5.0	EPA 200.8		11-30-22	
Client ID:	**TYLMI-20221122**					
Laboratory ID:	11-296-05					
Copper	**1.6**	1.0	EPA 200.8		11-30-22	
Zinc	**9.0**	5.0	EPA 200.8		11-30-22	
Client ID:	**MONMN-20221122**					
Laboratory ID:	11-296-06					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**MONMS-20221122**					
Laboratory ID:	11-296-07					
Copper	**1.8**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20221122**					
Laboratory ID:	11-296-08					
Copper	**1.2**	1.0	EPA 200.8		11-30-22	
Zinc	**13**	5.0	EPA 200.8		11-30-22	
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Copper	**5.2**	1.0	EPA 200.8		11-30-22	
Zinc	**80**	5.0	EPA 200.8		11-30-22	
Client ID:	**SEIMN-20221122**					
Laboratory ID:	11-296-10					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**COLM-20221122**					
Laboratory ID:	11-296-11					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**SEIMS-20221122**					
Laboratory ID:	11-296-12					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	
Client ID:	**QA126-20221122**					
Laboratory ID:	11-296-13					
Copper	**1.1**	1.0	EPA 200.8		11-30-22	
Zinc	**14**	5.0	EPA 200.8		11-30-22	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1130D1					
Copper	**ND**	1.0	EPA 200.8		11-30-22	
Zinc	**ND**	5.0	EPA 200.8		11-30-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-296-13										
	ORIG	DUP									
Copper	**1.12**	**1.14**	NA	NA		NA		NA	1	20	
Zinc	**13.6**	**14.0**	NA	NA		NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	11-296-13										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**73.8**	**76.6**	80.0	80.0	1.12	**91**	**94**	75-125	4	20	
Zinc	**86.2**	**93.0**	80.0	80.0	13.6	**91**	**99**	75-125	8	20	

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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221122**					
Laboratory ID:	11-296-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*20 - 106*				
Pyrene-d10	*76*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221122**					
Laboratory ID:	11-296-02					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*67*	*20 - 106*				
Pyrene-d10	*80*	*19 - 104*				
Terphenyl-d14	*87*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221122**					
Laboratory ID:	11-296-03					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.13	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*65*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*81*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221122**					
Laboratory ID:	11-296-09					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.013	EPA 8270E/SIM	11-23-22	11-23-22	U1
Benzo[b]fluoranthene	**ND**	0.016	EPA 8270E/SIM	11-23-22	11-23-22	U1
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.012	EPA 8270E/SIM	11-23-22	11-23-22	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*57*	*20 - 106*				
Pyrene-d10	*69*	*19 - 104*				
Terphenyl-d14	*77*	*41 - 127*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1123W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	11-23-22	11-23-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*78*	*41 - 127*				

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PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1123W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.339**	**0.372**	0.500	0.500	68	74	25 - 82	9	39	
Acenaphthylene	**0.347**	**0.376**	0.500	0.500	69	75	35 - 107	8	26	
Acenaphthene	**0.345**	**0.359**	0.500	0.500	69	72	33 - 99	4	26	
Fluorene	**0.366**	**0.387**	0.500	0.500	73	77	43 - 95	6	24	
Phenanthrene	**0.370**	**0.389**	0.500	0.500	74	78	49 - 100	5	20	
Anthracene	**0.372**	**0.386**	0.500	0.500	74	77	47 - 101	4	21	
Fluoranthene	**0.391**	**0.423**	0.500	0.500	78	85	51 - 115	8	23	
Pyrene	**0.404**	**0.438**	0.500	0.500	81	88	53 - 117	8	24	
Benzo[a]anthracene	**0.360**	**0.356**	0.500	0.500	72	71	57 - 114	1	21	
Chrysene	**0.369**	**0.399**	0.500	0.500	74	80	55 - 119	8	21	
Benzo[b]fluoranthene	**0.402**	**0.385**	0.500	0.500	80	77	56 - 125	4	26	
Benzo(j,k)fluoranthene	**0.377**	**0.415**	0.500	0.500	75	83	53 - 124	10	22	
Benzo[a]pyrene	**0.372**	**0.380**	0.500	0.500	74	76	54 - 119	2	22	
Indeno(1,2,3-c,d)pyrene	**0.383**	**0.395**	0.500	0.500	77	79	55 - 118	3	23	
Dibenz[a,h]anthracene	**0.388**	**0.398**	0.500	0.500	78	80	56 - 118	3	23	
Benzo[g,h,i]perylene	**0.365**	**0.373**	0.500	0.500	73	75	55 - 117	2	22	
Surrogate:										
2-Fluorobiphenyl					*65*	*70*	*20 - 106*			
Pyrene-d10					*72*	*78*	*19 - 104*			
Terphenyl-d14					*67*	*67*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Dec 15 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20221122	Water	22-A020222	Micro, NUT
COUMI-20221122	Water	22-A020223	Micro, NUT
TOSMO-20221122	Water	22-A020224	Micro, NUT
TYLMO-20221122	Water	22-A020225	Micro, NUT
TYLMI-20221122	Water	22-A020226	Micro, NUT
MONMN-20221122	Water	22-A020227	Micro, NUT
MONMS-20221122	Water	22-A020228	Micro, NUT
MONM-20221122	Water	22-A020229	Micro, NUT
TOSMI-201122	Water	22-A020230	Micro, NUT
SEIMN-20221122	Water	22-A020231	Micro, NUT
COLM-20221122	Water	22-A020232	Micro, NUT
SEIMS-20221122	Water	22-A020233	Micro, NUT
QA126-20221122	Water	22-A020234	Micro, NUT

Your samples were received on Tuesday, November 22, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

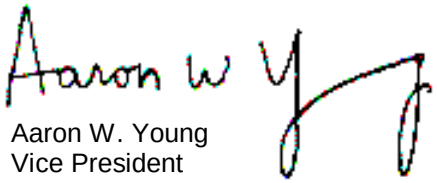
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2227110
PO Number: 11-296

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
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Suite C
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www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2227110
Project #: 14-05806-000
PO Number: 11-296
All results reported on an as received basis.

Date Received: 11/22/22
Date Reported: 12/15/22

AMTEST Identification Number **22-A020222**
Client Identification **COUMO-20221122**
Sampling Date **11/22/22, 09:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	380	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.53	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.17	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.364	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020223**
Client Identification **COUMI-20221122**
Sampling Date **11/22/22, 10:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	330	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.89	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.652	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.240	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020224**
Client Identification **TOSMO-20221122**
Sampling Date **11/22/22, 10:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	3000	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.37	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.966	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.400	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020225**
Client Identification **TYLMO-20221122**
Sampling Date **11/22/22, 10:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	500	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.29	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.09	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.200	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020226**
Client Identification **TYLMI-20221122**
Sampling Date **11/22/22, 11:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	58.	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.75	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.706	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.047	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020227**
Client Identification **MONMN-20221122**
Sampling Date **11/22/22, 12:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	540	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.80	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.597	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.203	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020228**
Client Identification **MONMS-20221122**
Sampling Date **11/22/22, 12:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	280	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.84	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.658	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.183	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020229**
Client Identification **MONM-20221122**
Sampling Date **11/22/22, 12:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	200	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.91	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.847	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.059	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020230**
Client Identification **TOSMI-201122**
Sampling Date **11/22/22, 09:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2500	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.36	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.870	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.492	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020231**
Client Identification **SEIMN-20221122**
Sampling Date **11/22/22, 11:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	60.	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.59	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.385	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.207	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020232**
Client Identification **COLM-20221122**
Sampling Date **11/22/22, 11:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	30.	CFU/100 ml		1	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	0.53	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.533	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	< 0.02	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020233**
Client Identification **SEIMS-20221122**
Sampling Date **11/22/22, 11:40**

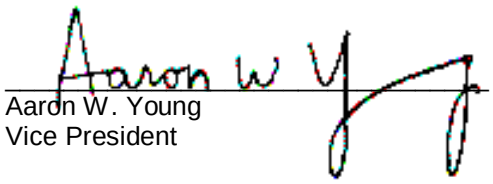
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	350	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.50	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.138	mg/l		0.02	SM4500NO3	MD	12/12/22

AMTEST Identification Number **22-A020234**
Client Identification **QA126-20221122**
Sampling Date **11/22/22, 12:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	360	CFU/100 ml		10	SM 9222D	OB	11/23/22
Total Nitrogen (NOX&TKN)	1.10	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	1.05	mg/l		0.25	SM4500N	MD	12/13/22
Total Nitrate + Nitrite	0.052	mg/l		0.02	SM4500NO3	MD	12/12/22



Aaron W. Young
Vice President

Am Test Inc.
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Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 22-A020222 to 22-A020234

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A020222	Fecal Coliform	CFU/100 ml	380	400	5.1
22-A020232	Fecal Coliform	CFU/100 ml	30.	27.	11.
22-A020231	Total Nitrogen (TKN)	mg/l	0.385	0.384	0.26
22-A020904	Total Nitrogen (TKN)	mg/l	2.02	1.98	2.0
22-A021194	Total Nitrogen (TKN)	mg/l	1.68	1.70	1.2
22-A021249	Total Nitrogen (TKN)	mg/l	< 0.25	< 0.25	
22-A021256	Total Nitrogen (TKN)	mg/l	44.7	44.8	0.22
22-A020231	Total Nitrate + Nitrite	mg/l	0.207	0.207	0.00
22-A020904	Total Nitrate + Nitrite	mg/l	7.43	7.28	2.0
22-A020995	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
22-A021033	Total Nitrate + Nitrite	mg/l	1.57	1.56	0.64
22-A021171	Total Nitrate + Nitrite	mg/l	44.6	45.3	1.6
22-A021266	Total Nitrate + Nitrite	mg/l	0.590	0.523	12.
22-A021272	Total Nitrate + Nitrite	mg/l	0.519	0.544	4.7
22-A021283	Total Nitrate + Nitrite	mg/l	1.09	1.06	2.8

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A020231	Total Nitrogen (TKN)	mg/l	0.385	2.38	2.00	99.75 %
22-A020904	Total Nitrogen (TKN)	mg/l	2.02	7.17	5.00	103.00 %
22-A021194	Total Nitrogen (TKN)	mg/l	1.68	3.89	2.00	110.50 %
22-A021249	Total Nitrogen (TKN)	mg/l	< 0.25	2.19	2.00	109.50 %
22-A021256	Total Nitrogen (TKN)	mg/l	44.7	69.8	25.0	100.40 %
22-A020231	Total Nitrate + Nitrite	mg/l	0.207	1.25	1.00	104.30 %
22-A020904	Total Nitrate + Nitrite	mg/l	7.43	17.7	10.0	102.70 %
22-A020995	Total Nitrate + Nitrite	mg/l	< 0.02	0.967	1.00	96.70 %
22-A021033	Total Nitrate + Nitrite	mg/l	1.57	2.49	1.00	92.00 %
22-A021171	Total Nitrate + Nitrite	mg/l	44.6	65.8	20.0	106.00 %
22-A021266	Total Nitrate + Nitrite	mg/l	0.590	1.66	1.00	107.00 %
22-A021272	Total Nitrate + Nitrite	mg/l	0.519	1.58	1.00	106.10 %
22-A021283	Total Nitrate + Nitrite	mg/l	1.09	1.99	1.00	90.00 %

QC Summary for sample numbers: 22-A020222 to 22-A020234...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.969	96.9 %
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.00	100. %
Total Nitrogen (TKN)	mg/l	1.00	0.996	99.6 %
Total Nitrate + Nitrite	mg/l	1.00	0.971	97.1 %
Total Nitrate + Nitrite	mg/l	1.00	1.05	105. %
Total Nitrate + Nitrite	mg/l	1.00	0.993	99.3 %
Total Nitrate + Nitrite	mg/l	1.00	0.994	99.4 %
Total Nitrate + Nitrite	mg/l	1.00	0.946	94.6 %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	0.996	99.6 %
Total Nitrate + Nitrite	mg/l	1.00	1.05	105. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20221122 20222	11/22/22	9:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20221122 20223	11/22/22	10:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20221122 20224	11/22/22	10:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20221122 20225	11/22/22	10:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20221122 20226	11/22/22	11:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20221122 20227	11/22/22	12:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20221122 20228	11/22/22	12:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20221122 20229	11/22/22	12:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20221122 20230	11/22/22	9:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20221122 20231	11/22/22	11:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature		Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/22/22	355 pm	
Received by: KL	AmTest	11/22/22	1555	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				

T=11.0°C

P.11

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

(Standard)

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20221122 20232	11/22/22	11:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20221122 20233	11/22/22	11:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA126-20221122 20234	11/22/22	12:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		11/22/22	3:55 pm	
Received by: KL	AmTest	11/22/22	1555	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=11.0°C

P.12

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
"The sample(s) to which the findings recorded herein (the "Findings") relate was[were] drawn and [or] provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted."

BATCH SUMMARY

Batch ID: WG83742	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38483-1	COUMO-20221122
L38483-2	COUMI-20221122
L38483-3	TOSMO-20221122
L38483-4	TOSMI-20221122

Blank: WG83742-101

Reference or Spike: WG83742-102

Duplicate:

RESUBMISSION 26-JAN-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID:WG83742-101) was below the method nominal limit and were flagged with a 'V'. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

Address: 2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L38483

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-1	COUMO-20221122	11/22/22	9:55	W	2	6PPD-q
-2	COUMI-20221122	11/22/22	10:10	W	2	6PPD-q
-3	TOSMO-20221122	11/22/22	10:35	W	2	6PPD-q
-4	TOSMI-20221122	11/22/22	9:50	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/28/22	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: 30-NOV-2022 IVY LEUNEN 13:45	DEC 01 2022 01-DEC-2022			EIM
Relinquished by:				
Received by:				

SGS AXYS

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221122
Sample Collection:
22-Nov-2022 09:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-1
Matrix:	AQUEOUS	**Sample Size:**	0.380 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:09:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 29**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		64.1	0.132 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38483-1_Form1A_AO3O_006S29_SJ3187031.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221122
Sample Collection:
22-Nov-2022 09:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-1
Matrix:	AQUEOUS	**Sample Size:**	0.380 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:09:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 29**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.0	67.2	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-1_Form2_AO3O_006S29_SJ3187031.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221122
Sample Collection:
22-Nov-2022 10:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-2
Matrix:	AQUEOUS	**Sample Size:**	0.438 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:25:12	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 30**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		16.8	0.114 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38483-2_Form1A_AO3O_006S30_SJ3187032.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221122
Sample Collection:
22-Nov-2022 10:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-2
Matrix:	AQUEOUS	**Sample Size:**	0.438 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:25:12	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 30**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	38.3	78.0	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38483-2_Form2_AO3O_006S30_SJ3187032.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221122
Sample Collection:
22-Nov-2022 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38483-3
Sample Receipt Date:	30-Nov-2022	**Sample Size:**	0.474 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 14:40:26	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 31**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

This page is part of a total report that contains information necessary for accreditation compliance.
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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		20.9	0.125 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-3_Form1A_AO3O_006S31_SJ3187033.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221122
Sample Collection:
22-Nov-2022 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-3
Matrix:	AQUEOUS	**Sample Size:**	0.474 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:40:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 31**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38483-3_Form2_AO3O_006S31_SJ3187033.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221122
Sample Collection:
22-Nov-2022 09:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-4
Matrix:	AQUEOUS	**Sample Size:**	0.490 L
Sample Receipt Date:	30-Nov-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 14:55:42	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 32**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		81.4	0.151 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38483-4_Form1A_AO3O_006S32_SJ3187034.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221122
Sample Collection:
22-Nov-2022 09:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38483-4
Sample Receipt Date:	30-Nov-2022	**Sample Size:**	0.490 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 14:55:42	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 32**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	29.2	59.5	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-4_Form2_AO3O_006S32_SJ3187034.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83742-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form1A_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83742-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 15**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	10.0	20.4	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form2_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.95	99.1	6:25

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8A_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:23

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8B_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			102	99.8	116	98.5	96.1	95.4	98.0	94.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3A_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			104	103	100	102	99.6	99.1	98.2	94.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3B_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:24	6:23	6:23	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3C_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:21	6:22	6:21	6:22	6:22	6:22	6:22	6:22	6:22

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3D_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.57	91.5

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4A_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:23	49.2	53.6	109

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 14:01:18; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4B_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

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				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

11-296 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1122	11/22/22	9:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022 1122		10:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022 1122		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022 1122		10:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022 1122		11:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022 1122		~~12:15~~	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022 1122		12:07 ~~12:50~~	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022 1122		12:0[illegible]	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022 1122		9:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022 1122		11:10	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022 1122		11:20	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022 1122		11:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA126-20221122		12:05	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by [signature] Date 11/22 Received by [signature] Date 11/22/22
Firm Herrera Environmental Time 13:23 Firm GSE Time 13:23
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

Initiated by: NB

OnSite Project Number: 11-296

Date Initiated: 11/22/22

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	4.5, 0.5, 2.0
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

11-296 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1122	11/22/22	9:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022 1122		10:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022 1122		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022 1122		10:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022 1122		11:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022 1122		~~12:25~~	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022 1122		12:05 ~~12:00~~	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022 1122		12:10	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022 1122		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022 1122		11:10	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022 1122		11:20	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022 1122		11:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA126-20221122	↓	12:05	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by [signature] Date 11/22 Received by [signature] Date 11/22/22

Firm Herrera Environmental Time 13:23 Firm OSE Time 13:23

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000		
Personnel Performing Calibration:	D. Gardy		
Meter:	YSI ProPSS #1		
Date/Time:	11/21/22		
Barometric Pressure Start of Day:	mmHg: 769.9	Time:	17:34
Barometric Pressure End of Day:	mmHg: 763.8	Time:	18:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.8	0	19.7	
Conductivity (µS/cm)	990	1,000	20.7	
Conductivity (µS/cm)	107.3	100	20.9	
DO % Saturation	101.3	100	20.0	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.9	0	20.8	
Conductivity (µS/cm)	91.7	100	22.2	
DO % Saturation	100.7	100	21.1	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	4/21/22 17:50
Barometric Pressure Start of Day:	mmHg: 769.9 Time: 17:50
Barometric Pressure End of Day:	mmHg: 763.9 Time: 18:00

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.9	0	20.7	
Conductivity (µS/cm)	963	1,000	21.6	
Conductivity (µS/cm)	101.3	100	21.8	
DO % Saturation	101.2	100	21.4	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.8	0	[illegible]	22.2
Conductivity (µS/cm)	98.4	100	24.4	
DO % Saturation	100.1	100	22.1	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Rebecca Stebbins, Meaghan Lenth

Sample Date: 11-22-22 **Sample Time:** 9:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: raining, 45°F

Water Quality Sampling

Sample ID: TOSMI-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear to murky

Color: brown

Odor: none

Sheen: none

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.1

Reference Point (description): staff gauge

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 731

Dissolved Oxygen (mg/L) 11.74

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH, R. STEBBING

Sample Date: 11/22/22 **Sample Time:** 11:10 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING

Water Quality Sampling

Sample ID: SEIMN-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	no
Sheen:	no
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.25

Reference Point (description): down from bolt

Water Quality Measurments

Temperature (°C) 6.2

Specific Conductivity (µs/cm) 98.8

Dissolved Oxygen (mg/L) 12.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MOCL + RS

Sample Date: 11/22/22 **Sample Time:** 11:20 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 45°

Water Quality Sampling

Sample ID: COLM-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	light brown
Color:	mostly clear
Odor:	none
Sheen:	none
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.4

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 3.9

Specific Conductivity (µs/cm) 49.9

Dissolved Oxygen (mg/L) 11.23

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR, E. NTH, R STERBING

Sample Date: 11/22/22 **Sample Time:** 12:15 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: RAINING 45°

Water Quality Sampling

Sample ID: MONM-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	brown
Color:	slightly turbid
Odor:	no
Sheen:	no
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

~~YSI Pro Plus (15D100020)~~

~~YSI Pro DSS 1~~

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.2

Specific Conductivity (µs/cm) 225.6

Dissolved Oxygen (mg/L) 11.72

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MOCL + RS

Sample Date: 11/22/22 **Sample Time:** 12:45 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:

(Must filter within 15 minutes of collection)

SITE ID: MONMS+ 2022

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 45°

Water Quality Sampling

Sample ID: MONMS-20221122

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.9

Reference Point (description): down maintenance hole rung

Water Quality Measurments

Temperature (°C) 5.5

Specific Conductivity (µs/cm) 247.6

Dissolved Oxygen (mg/L) 9.32

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF & TF

Sample Date: 11/22/22 **Sample Time:** 9.55 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: CUOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45°F + Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: brown

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.5

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.7

Specific Conductivity (µs/cm) 359.4

Dissolved Oxygen (mg/L) 11.04

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 10:10 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COUM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45°, Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.65

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 243.0

Dissolved Oxygen (mg/L) 11.51

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 10:35 PDT:

Base Flow or Storm Event? (Storm) **Field filtered 5 minutes later: Y N** PST:

(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° + Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.66

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.9

Specific Conductivity (µs/cm) 934

Dissolved Oxygen (mg/L) 11.41

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: ~~oct~~ 11/22/22 **Sample Time:** 10:55 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° + Rainy

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N/A
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.93

Reference Point (description): From top of culvert

Water Quality Measurments

Temperature (°C) 7.4

Specific Conductivity (µs/cm) 167.6

Dissolved Oxygen (mg/L) 11.24

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 11:15 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp:

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NF
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables: stagnant flow + leaf debris & clothes

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.43

Reference Point (description): downstream culvert

Water Quality Measurments

Temperature (°C) 7.6

Specific Conductivity (µs/cm) 219.2

Dissolved Oxygen (mg/L) 9.69

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: ET & TF

Sample Date: 11/22/22 **Sample Time:** 1145 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Rain

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.95

Reference Point (description):

Water Quality Measurments

Temperature (°C) 6.5

Specific Conductivity (µs/cm) 82.8

Dissolved Oxygen (mg/L) 11.31

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 12:00 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° + Raining

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N/A
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.07

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 314.0

Dissolved Oxygen (mg/L) 11.5

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: EF + TF

Sample Date: 11/22/22 **Sample Time:** 12:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later: Y N**
(Must filter within 15 minutes of collection)

SITE ID: QK

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 45° raining

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NA
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Brown

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.07

Reference Point (description): staff gage

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 314.6

Dissolved Oxygen (mg/L) 11.5

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/22/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/22/22 /All locations, QA126 (MONM) Lab Ref No 2211-296

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	<1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	86	**±20**	NC	**≤ 25**	6	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	3	**≤ 25**	6	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	1	**≤180**	≤1.0 mg/L 1.0 mg/L	108, 110	**±25**	105	**±15**	5 MS 1	**≤ 20**	1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	15	**≤28**	≤1.0 mg/L 1.0 mg/L	108	**±25**	106	**±15**	1	**≤ 20**	8	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	99	**±25**	88	**±20**	D=0.002	**≤ 20**	15	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	20, 21	**≤28**	≤0.1 mg/L 0.1 mg/L	92-111	**±25**	97-105	**±20**	NC, <1-12, D=0.001	**≤ 20**	D=0.01 D=0.2	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/22/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/22/22 /All locations, QA126 (MONM) Lab Ref No 2211-296

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	89, 88	**±25**	NR	**±15**	D=0.1 MS 1	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	95, 93	**±25**	NR	**±15**	NC MS 2	**≤ 20**	10	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	91, 94	**±25**	NR	**±15**	D=0.02 MS 4	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	91, 99	**±25**	NR	**±15**	D=0.4 MS 8	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	5, 11	**≤ 35**	57	**≤ 50**	OK	FLAG MONM J DUE TO FIELD DUPE EXCEEDANCE
6PPD-q	OK/ MLA-118	NA	**NA**		**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	99	**±30**	SURR 59-78	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =95-116% CCV =92%	NONE
PAHs	OK/ EPA 8270E SIM	NA	**NA**	1, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 57-87	**19-127[4]**	66-88	**25-125[4]**	1-10, D=0.1-0.3	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 26, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2211-351

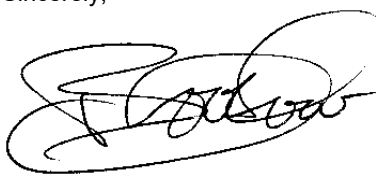
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on November 30, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

Case Narrative

Samples were collected on November 29, 2022 and received by the laboratory on November 30, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Total Suspended Solids	**42**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Total Suspended Solids	**22**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Total Suspended Solids	**35**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Total Suspended Solids	**17**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Total Suspended Solids	**7.4**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Total Suspended Solids	**54**	1.0	SM 2540D	12-2-22	12-2-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1202W2					
Total Suspended Solids	**ND**	1.0	SM 2540D	12-2-22	12-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Total Suspended Solids	**41.8**	**45.3**	NA	NA	NA	NA	8	25	
SPIKE BLANK									
Laboratory ID:	SB1202W2								
	SB		SB		SB				
Total Suspended Solids	**88.0**		100	NA	88	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Turbidity	**6.4**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Turbidity	**5.6**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Turbidity	**17**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Turbidity	**3.2**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Turbidity	**1.3**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Turbidity	**0.71**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Turbidity	**2.5**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Turbidity	**9.0**	0.10	EPA 180.1	11-30-22	11-30-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Turbidity	**0.74**	0.10	EPA 180.1	11-30-22	11-30-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1130W1					
Turbidity	**ND**	0.10	EPA 180.1	11-30-22	11-30-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Turbidity	**6.40**	**6.77**	NA	NA	NA	NA	6	18	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Hardness	**41**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Hardness	**77**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Hardness	**46**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Hardness	**47**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Hardness	**69**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Hardness	**71**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Hardness	**26**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Hardness	**120**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	12-5-22	12-5-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-351-01										
	ORIG	DUP									
Hardness	**41.3**	**46.9**	NA		NA	NA		NA	13	20	
MATRIX SPIKES											
Laboratory ID:	11-351-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**186**	**183**	132	132	41.3	110	107	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB1205WH2										
	SB		SB			SB					
Hardness	**138**		132		NA	105		85-115	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Dissolved Organic Carbon	**7.3**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Dissolved Organic Carbon	**8.4**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Dissolved Organic Carbon	**7.0**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Dissolved Organic Carbon	**5.9**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Dissolved Organic Carbon	**8.4**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Dissolved Organic Carbon	**8.3**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	12-8-22	12-8-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Dissolved Organic Carbon	**6.9**	1.0	SM 5310B	12-8-22	12-8-22	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1208D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	12-8-22	12-8-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Dissolved Organic Carbon	**7.35**	**7.37**	NA	NA	NA	NA	0	15	
MATRIX SPIKE									
Laboratory ID:	11-351-01								
	MS		MS		MS				
Dissolved Organic Carbon	**17.4**		10.0	7.35	101	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1208D1								
	SB		SB		SB				
Dissolved Organic Carbon	**10.5**		10.0	NA	105	88-118	NA	NA	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Total Phosphorus	**0.095**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Total Phosphorus	**0.095**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Total Phosphorus	**0.071**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Total Phosphorus	**0.040**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Total Phosphorus	**0.013**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Total Phosphorus	**0.011**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Total Phosphorus	**0.020**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Total Phosphorus	**0.090**	0.010	EPA 365.1	12-1-22	12-2-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Total Phosphorus	**0.010**	0.010	EPA 365.1	12-1-22	12-2-22	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1201W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	12-1-22	12-2-22	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	11-351-01								
	ORIG	DUP							
Total Phosphorus	**0.0950**	**0.0983**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	11-351-01								
	MS		MS		MS				
Total Phosphorus	**0.346**		0.250	0.0950	100	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB1201W1								
	SB		SB		SB				
Total Phosphorus	**0.234**		0.250	NA	94	78-110	NA	NA	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Copper	**4.2**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**420**	13	EPA 200.8	12-5-22	12-5-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Copper	**2.6**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**66**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Copper	**3.8**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**51**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Copper	**3.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**12**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Copper	**1.6**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Copper	**1.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Copper	**2.1**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**35**	5.0	EPA 200.8	12-5-22	12-5-22	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Copper	**5.0**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**83**	5.0	EPA 200.8	12-5-22	12-5-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Copper	**1.4**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205WH1					
Copper	**ND**	1.0	EPA 200.8	12-5-22	12-5-22	
Zinc	**ND**	5.0	EPA 200.8	12-5-22	12-5-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	11-351-09										
	ORIG	DUP									
Copper	**1.39**	**1.34**	NA	NA		NA		NA	4	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	11-351-09										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**99.6**	**94.4**	100	100	1.39	**98**	**93**	75-125	5	20	
Zinc	**101**	**97.0**	100	100	ND	**101**	**97**	75-125	4	20	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Copper	**1.8**	1.0	EPA 200.8		12-2-22	
Zinc	**320**	13	EPA 200.8		12-2-22	
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Copper	**1.5**	1.0	EPA 200.8		12-2-22	
Zinc	**38**	5.0	EPA 200.8		12-2-22	
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Copper	**1.9**	1.0	EPA 200.8		12-2-22	
Zinc	**23**	5.0	EPA 200.8		12-2-22	
Client ID:	**TYLMO-20221129**					
Laboratory ID:	11-351-04					
Copper	**2.4**	1.0	EPA 200.8		12-2-22	
Zinc	**8.2**	5.0	EPA 200.8		12-2-22	
Client ID:	**MONMN-20221129**					
Laboratory ID:	11-351-05					
Copper	**1.2**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	
Client ID:	**MONMS-20221129**					
Laboratory ID:	11-351-06					
Copper	**1.0**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	
Client ID:	**MONM-20221129**					
Laboratory ID:	11-351-07					
Copper	**1.2**	1.0	EPA 200.8		12-2-22	
Zinc	**26**	5.0	EPA 200.8		12-2-22	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Copper	**1.7**	1.0	EPA 200.8		12-2-22	
Zinc	**32**	5.0	EPA 200.8		12-2-22	
Client ID:	**QA127-20221129**					
Laboratory ID:	11-351-09					
Copper	**1.4**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	

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Date of Report: January 26, 2023
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Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1202D1					
Copper	**ND**	1.0	EPA 200.8		12-2-22	
Zinc	**ND**	5.0	EPA 200.8		12-2-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	12-001-03										
	ORIG	DUP									
Copper	**1.67**	**1.73**	NA	NA		NA		NA	3	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	12-001-03										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**93.6**	**95.4**	80.0	80.0	1.67	**115**	**117**	75-125	2	20	
Zinc	**94.6**	**94.8**	80.0	80.0	ND	**118**	**119**	75-125	0	20	

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20221129**					
Laboratory ID:	11-351-01					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*60*	*20 - 106*				
Pyrene-d10	*73*	*19 - 104*				
Terphenyl-d14	*72*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20221129**					
Laboratory ID:	11-351-02					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.11	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*81*	*19 - 104*				
Terphenyl-d14	*77*	*41 - 127*				

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Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20221129**					
Laboratory ID:	11-351-03					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*81*	*41 - 127*				

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Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20221129**					
Laboratory ID:	11-351-08					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*20 - 106*				
Pyrene-d10	*65*	*19 - 104*				
Terphenyl-d14	*68*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1205W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	12-5-22	12-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*90*	*19 - 104*				
Terphenyl-d14	*81*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: January 26, 2023
Samples Submitted: November 30, 2022
Laboratory Reference: 2211-351
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1205W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.353**	**0.285**	0.500	0.500	71	57	25 - 82	21	39	
Acenaphthylene	**0.357**	**0.301**	0.500	0.500	71	60	35 - 107	17	26	
Acenaphthene	**0.345**	**0.295**	0.500	0.500	69	59	33 - 99	16	26	
Fluorene	**0.356**	**0.312**	0.500	0.500	71	62	43 - 95	13	24	
Phenanthrene	**0.388**	**0.339**	0.500	0.500	78	68	49 - 100	13	20	
Anthracene	**0.400**	**0.342**	0.500	0.500	80	68	47 - 101	16	21	
Fluoranthene	**0.416**	**0.375**	0.500	0.500	83	75	51 - 115	10	23	
Pyrene	**0.429**	**0.390**	0.500	0.500	86	78	53 - 117	10	24	
Benzo[a]anthracene	**0.383**	**0.332**	0.500	0.500	77	66	57 - 114	14	21	
Chrysene	**0.426**	**0.372**	0.500	0.500	85	74	55 - 119	14	21	
Benzo[b]fluoranthene	**0.433**	**0.349**	0.500	0.500	87	70	56 - 125	21	26	
Benzo(j,k)fluoranthene	**0.413**	**0.391**	0.500	0.500	83	78	53 - 124	5	22	
Benzo[a]pyrene	**0.400**	**0.350**	0.500	0.500	80	70	54 - 119	13	22	
Indeno(1,2,3-c,d)pyrene	**0.415**	**0.460**	0.500	0.500	83	92	55 - 118	10	23	
Dibenz[a,h]anthracene	**0.422**	**0.372**	0.500	0.500	84	74	56 - 118	13	23	
Benzo[g,h,i]perylene	**0.410**	**0.360**	0.500	0.500	82	72	55 - 117	13	22	
Surrogate:										
2-Fluorobiphenyl					*70*	*54*	*20 - 106*			
Pyrene-d10					*83*	*66*	*19 - 104*			
Terphenyl-d14					*74*	*65*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Dec 15 2022
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20221129	Water	22-A020638	Micro, NUT
COUMI-20221129	Water	22-A020639	Micro, NUT
TOSMO-20221129	Water	22-A020640	Micro, NUT
TYLMO-20221129	Water	22-A020641	Micro, NUT
MONMN-20221129	Water	22-A020642	Micro, NUT
MONMS-20221129	Water	22-A020643	Micro, NUT
MONM-20221129	Water	22-A020644	Micro, NUT
TOSMI-20221129	Water	22-A020645	Micro, NUT
QA127-20221129	Water	22-A020646	Micro, NUT

Your samples were received on Wednesday, November 30, 2022. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

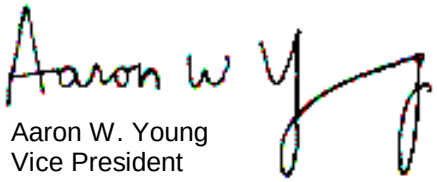
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2227190
PO Number: 11-351

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2227190
Project #: 14-05806-000
PO Number: 11-351
All results reported on an as received basis.

Date Received: 11/30/22
Date Reported: 12/15/22

AMTEST Identification Number **22-A020638**
Client Identification **COUMO-20221129**
Sampling Date **11/29/22, 21:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	240	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	1.06	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.829	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.233	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020639**
Client Identification **COUMI-20221129**
Sampling Date **11/29/22, 21:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	190	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.78	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.614	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.171	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020640**
Client Identification **TOSMO-20221129**
Sampling Date **11/29/22, 22:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	880	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	1.11	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.922	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.185	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020641**
Client Identification **TYLMO-20221129**
Sampling Date **11/29/22, 23:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	96.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.628	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.138	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020642**
Client Identification **MONMN-20221129**
Sampling Date **11/29/22, 22:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	33.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.60	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.434	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.161	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020643**
Client Identification **MONMS-20221129**
Sampling Date **11/29/22, 23:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	12.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.471	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.173	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020644**
Client Identification **MONM-20221129**
Sampling Date **11/29/22, 23:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	56.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	5180	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	5180	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.114	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020645**
Client Identification **TOSMI-20221129**
Sampling Date **11/29/22, 21:20**

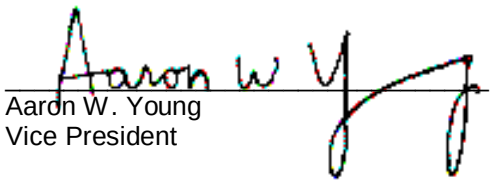
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	800	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.69	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.488	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.201	mg/l		0.02	SM4500NO3	MD	12/06/22

AMTEST Identification Number **22-A020646**
Client Identification **QA127-20221129**
Sampling Date **11/29/22, 23:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	10.	CFU/100 ml		1	SM 9222D	JM	11/30/22
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.472	mg/l		0.25	SM4500N	MD	12/06/22
Total Nitrate + Nitrite	0.163	mg/l		0.02	SM4500NO3	MD	12/06/22



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 22-A020638 to 22-A020646

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
22-A020638	Fecal Coliform	CFU/100 ml	240	260	8.0
22-A020648	Fecal Coliform	CFU/100 ml	4.	1.	120
22-A020641	Total Nitrogen (TKN)	mg/l	0.628	0.654	4.1
22-A020715	Total Nitrogen (TKN)	mg/l	1.20	1.23	2.5
22-A020826	Total Nitrogen (TKN)	mg/l	3.82	3.87	1.3
22-A020715	Total Nitrate + Nitrite	mg/l	1.63	1.70	4.2
22-A020797	Total Nitrate + Nitrite	mg/l	1.37	1.35	1.5
22-A020826	Total Nitrate + Nitrite	mg/l	16.4	16.5	0.61

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
22-A020641	Total Nitrogen (TKN)	mg/l	0.628	2.79	2.00	108.10 %
22-A020715	Total Nitrogen (TKN)	mg/l	1.20	3.25	2.00	102.50 %
22-A020826	Total Nitrogen (TKN)	mg/l	3.82	5.72	2.00	95.00 %
22-A020715	Total Nitrate + Nitrite	mg/l	1.63	12.2	10.0	105.70 %
22-A020797	Total Nitrate + Nitrite	mg/l	1.37	2.36	1.00	99.00 %
22-A020826	Total Nitrate + Nitrite	mg/l	16.4	37.5	20.0	105.50 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	0.982	98.2 %
Total Nitrogen (TKN)	mg/l	1.00	0.911	91.1 %
Total Nitrogen (TKN)	mg/l	1.00	0.950	95.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.03	103. %
Total Nitrate + Nitrite	mg/l	1.00	1.04	104. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-351

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
20638	COUMO-20221129	11/29/22	21:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20639	COUMI-20221129	11/29/22	21:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20640	TOSMO-20221129	11/29/22	22:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20641	TYLMO-20221129	11/29/22	23:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20642	MONMN-20221129	11/29/22	22:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20643	MONMS-20221129	11/29/22	23:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20644	MONM-20221129	11/29/22	23:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20645	TOSMI-20221129	11/29/22	21:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
20646	QA127-20221129	11/29/22	23:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/30/22	1:25PM	
Received by: KL	AmTest	11/30/22	1325	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=3.3°C

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

This is a secondary unencrypted version reported at the clients request.
The encrypted and un-editable version is the official version.

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG83742	***Date:*** 26-Jan-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38483-5	COUMO-20221129
L38483-6	COUMI-20221129
L38483-7	TOSMO-20221129
L38483-8	TOSMI-20221129

Blank: WG83742-101

Reference or Spike: WG83742-102

Duplicate:

RESUBMISSION 26-JAN-23: Disregard all previous submissions. Data are reported based on Project Number. All other data remain unchanged.

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID:WG83742-101) was below the method nominal limit and were flagged with a 'V'. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only.

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February 2017

www.sgsaxys.com

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-351

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L38483

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-5	COUMO-20221129	11/29/22	21:20	W	2	6PPD-q
-6	COUMI-20221129	11/29/22	21:50	W	2	6PPD-q
-7	TOSMO-20221129	11/29/22	22:25	W	2	6PPD-q
-8	TOSMI-20221129	11/29/22	21:20	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	11/30/22	1600	EIM
Received by:	UPS			
Relinquished by:	UPS			
Received by: RRS 05-DEC-2022 14:05				
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-5
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:10:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		46.3	0.119 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-5_Form1A_AO3O_006S33_SJ3187035.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-5
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:10:57	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	31.5	64.1	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221129
Sample Collection:
29-Nov-2022 21:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-6
Matrix:	AQUEOUS	**Sample Size:**	0.453 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:26:11	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 34**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.98	0.110 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-6_Form1A_AO3O_006S34_SJ3187036.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20221129
Sample Collection:
29-Nov-2022 21:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38483-6
Sample Receipt Date:	05-Dec-2022	**Sample Size:**	0.453 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 15:26:11	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 34**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	43.4	88.2	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221129
Sample Collection:
29-Nov-2022 22:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-7
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:41:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 35**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		19.1	0.101 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38483-7_Form1A_AO3O_006S35_SJ3187037.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20221129
Sample Collection:
29-Nov-2022 22:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-7
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:41:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 35**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.5	68.2	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-7_Form2_AO3O_006S35_SJ3187037.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-8
Matrix:	AQUEOUS	**Sample Size:**	0.454 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:56:41	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		33.8	0.141 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L38483-8_Form1A_AO3O_006S36_SJ3187038.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20221129
Sample Collection:
29-Nov-2022 21:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38483-8
Matrix:	AQUEOUS	**Sample Size:**	0.454 L
Sample Receipt Date:	05-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 15:56:41	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.7	58.4	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38483-8_Form2_AO3O_006S36_SJ3187038.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG83742-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_006 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form1A_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG83742-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	19-Dec-2022	**Initial Calibration Date:**	23-Dec-2022
Analysis Date:	10-Jan-2023 **Time:** 10:36:26	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_006 S: 15**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_006 S: 15
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	10.0	20.4	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-101_Form2_AO3O_006S15_SJ3187016.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.95	99.1	6:25

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

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SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG83742-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	23-Dec-2022
Extraction Date:	19-Dec-2022	**Instrument ID:**	LC MS/MS
Analysis Date:	10-Jan-2023 **Time:** 10:05:56	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_006 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_006 S: 15
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_006 S: 11

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:23

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG83742-102_Form8B_SJ3187013.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			102	99.8	116	98.5	96.1	95.4	98.0	94.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3A_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			104	103	100	102	99.6	99.1	98.2	94.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3B_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:24	6:23	6:23	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3C_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 23-Dec-2022

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO2O_130 S: 5

CS2 Data Filename: AO2O_130 S: 6

CS3 Data Filename: AO2O_130 S: 7

CS4 Data Filename: AO2O_130 S: 8

CS5 Data Filename: AO2O_130 S: 9

CS6 Data Filename: AO2O_130 S: 10

CS7 Data Filename: AO2O_130 S: 11

CS8 Data Filename: AO2O_130 S: 12

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:21	6:22	6:21	6:22	6:22	6:22	6:22	6:22	6:22

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Kristina Coleman_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_23-Dec-2022_AO2O__Form3D_GS101111.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.57	91.5

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4A_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	23-Dec-2022	**VER Data Filename:**	AO3O_006 S: 11
Instrument ID:	LC MS/MS	**Analysis Date:**	10-Jan-2023
LC Column ID:	C18	**Analysis Time:**	09:35:03

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:23	49.2	53.6	109

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 26-Jan-2023 14:03:48; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_006S11__Form4B_SJ3187011.html; Workgroup: WG83742; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y								
OC Pesticides		EPA 625	MLA-007																										Y								
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																												
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																												
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y			
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																														
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																				
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y																								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y			
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																														
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																				
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y															
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y															

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y			Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y							Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable													AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y								
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y								
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-dioxa-3H-perfuorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y			Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y				Y		Y										Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y		Y	Y									Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y										Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y										Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y										Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																					Y			Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y		Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																	Y													
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																	Y													
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																	Y													

Note * Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.

Note ** PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

11-351 Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1129	11/29/22	21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		21:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		22:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		23:05	Water	7	X	X	X	X	X	X	X	X	X		
	~~TYLMI-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
5	MONMN-2022	22:40	~~21:20~~ 23:00	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMS-2022		23:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONM-2022		23:30	Water	7	X	X	X	X	X	X	X	X	X		
8	TOSMI-2022		21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	~~SEIMN-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~COLM-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
	~~SEIMS-2022~~			~~Water~~	~~7~~	X	X	X	X	X	X	X	X	X		
9	QA 12720822-1129	↓	23:00	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Scott Shumway Date 11/30/22 Received by NBuhin Date 11/30/22
Firm Herrera Time 9:06 Firm OSE Time 0905

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 1405806-000

Initiated by: NB

OnSite Project Number: 11-351

Date Initiated: 11/30/22

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0.5, 0.1, 0.3, 0.2
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	Yes	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #5 - All labels read @ 22:40.

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

CHAIN OF CUSTODY

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2022 1129	11/29/22	21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		21:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		22:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		23:05	Water	7	X	X	X	X	X	X	X	X	X		
	~~TYLMI-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
5	MONMN-2022		21:20	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMS-2022		23:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONM-2022		23:30	Water	7	X	X	X	X	X	X	X	X	X		
8	TOSMI-2022		21:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
	~~SEIMN-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
	~~COLM-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
	~~SEIMS-2022~~			~~Water~~	~~7~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
9	QA 1279 22-1129	↓	23:00	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Scott Shurnway Date 11/30/22 Received by NBuffin Date 11/30/22
Firm Herrera Time 9:06 Firm OSE Time 0905

Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-22 **Sample Time:** ——— PDT PST

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: SNOW 33°F

Water Quality Sampling

Sample ID: COLM-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID: -

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

TOO SNOWY
DIDNT SAMPLE

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 21:50 PDT: / PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COMMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain/snow mix, 33°F

Water Quality Sampling

Sample ID: COMMI20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	light tan
Odor:	decomposing plant matter
Sheen:	no sheen
Floatables:	a few whole fallen ~~leaves~~ leafs

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

SG inaccessible in darkness

Water Quality Measurments

Temperature (°C) 3.4

Specific Conductivity (µs/cm) 180.8

Dissolved Oxygen (mg/L) 13.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Scott Shumaway & David Garcia

Sample Date: 11/29/22 **Sample Time:** 21:20 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain/snow mix, 33°F

Water Quality Sampling

Sample ID: COUMO20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: light brown

Odor: no odor

Sheen: no sheen

Floatables: leaves in stream

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.60

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 3.3

Specific Conductivity (µs/cm) 113.0

Dissolved Oxygen (mg/L) 13.16

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 21:30 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow, 31 °F

Water Quality Sampling

Sample ID: MONM20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: slight tan color

Odor: decomposing organic material

Sheen: no sheen

Floatables: no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

SG unaccessible, not safe

Water Quality Measurments

Temperature (°C) 3.0

Specific Conductivity (µs/cm) 299.4

Dissolved Oxygen (mg/L) 13.08

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-2022 **Sample Time:** 2:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow 33°F

Water Quality Sampling

Sample ID: MONMN-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: clear

Odor: no

Sheen: no

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.2

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) ~~5~~ 3.7

Specific Conductivity (µs/cm) ~~47~~ 196

Dissolved Oxygen (mg/L) ~~15.32~~ 12.38

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbins, M. Lenth

Sample Date: 11-29-22 **Sample Time:** 23:00 PDT

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST

(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow 33°F

Water Quality Sampling

Sample ID: MONMS-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	YES
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA127 20221129

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: clear

Odor: slight odor, plant decomposing

Sheen: no

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO initials:

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.2

Reference Point (description): down drain

Water Quality Measurments

Temperature (°C) 2.9

Specific Conductivity (µs/cm) UU2.6

Dissolved Oxygen (mg/L) 9.71

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-22 **Sample Time:** — PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y N
(Must filter within 15 minutes of collection)

SITE ID: SETMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow 33°F

Water Quality Sampling

Sample ID: SETMN-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	
Color:	
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft):

Reference Point (description):

Water Quality Measurments

Temperature (°C)

Specific Conductivity (µs/cm)

Dissolved Oxygen (mg/L)

TOO SNOWY
DIDNT SAMPLE

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: R. Stebbing, M. Lenth

Sample Date: 11-29-22 **Sample Time:** 21:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: snow/rain 33°F

Water Quality Sampling

Sample ID: TOSMI-20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	~
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: mostly clear

Color: slightly brown

Odor: none

Sheen: none

Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.4

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 3.3

Specific Conductivity (µs/cm) 47.0

Dissolved Oxygen (mg/L) 13.32

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 2205 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain/snow mix, 33°F

Water Quality Sampling

Sample ID: TOSMO20221129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: slight tan color
Odor: no odor
Sheen: no sheen
Floatables: fallen leafs

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**
Date Checked: **Time:**
Data Entered into Database? YES NO **initials:**
Date Entered: **Time:**
Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)
YSI Pro DSS 1
YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.81

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 2.5

Specific Conductivity (µs/cm) 115.4

Dissolved Oxygen (mg/L) 13.49

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: David Garcia, Scott Shumway

Sample Date: 11/29/22 **Sample Time:** 23:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYL MC

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID: TYLMO2022 1129

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: slight tan color

Odor: decomposing organic material

Sheen: no sheen

Floatables: no floatables

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.8

Reference Point (description): culvert

Water Quality Measurments

Temperature (°C) 3.2

Specific Conductivity (µs/cm) 124.3

Dissolved Oxygen (mg/L) 12.91

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/23/22 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/29/2022 /All locations except TYLMI, SEIMN & COLM, QA127 (MONMS) Lab Ref No 2211-351

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	3	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	88	**±20**	8	**≤ 25**	NC	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NR	**±10**	6	**≤ 25**	4	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	6	**≤180**	≤1.0 mg/L 1.0 mg/L	110, 107	**±25**	105	**±15**	13 MS 2	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	9	**≤28**	≤1.0 mg/L 1.0 mg/L	101	**±25**	105	**±15**	<1	**≤ 20**	20	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	2	**≤28**	≤0.01 mg/L 0.01 mg/L	100	**±25**	94	**±20**	3	**≤ 20**	D=0.003	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	7	**≤28**	≤0.1 mg/L 0.1 mg/L	95-108	**±25**	91-104	**±20**	1-4 D=0.026 -0.03	**≤ 20**	18, D=0.001	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 2/23/22 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 11/29/2022 /All locations except TYLMI, SEIMN & COLM, QA127 (MONMS) Lab Ref No 2211-351

date 2/23/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks / Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L / 1.0 µg/L	98, 93	**±25**	NR	**±15**	D=0.05 MS 5	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L / 5.0 µg/L	101, 97	**±25**	NR	**±15**	NC MS 4	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	3	**≤180**	≤1.0 µg/L / 1.0 µg/L	115, 117	**±25**	NR	**±15**	D=0.06 MS 2	**≤ 20**	D=0.4	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	3	**≤180**	≤5.0 µg/L / 5.0 µg/L	118, 119	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL / 10 cfu/ 100mL	NA	**NA**	NA	**NA**	8, D=3	**≤ 35**	18	**≤ 50**	OK	NO FLAG FOR SLIGHTLY HIGH LAB DUPE DIFFERENCE, OTHER DUPE OK
6PPD-q	OK/ MLA-118	NA	**NA**		**≤14[2], ≤28**	≤0.1 ng/mL / 0.1 ng/mL	99	**±30**	SURR 58-88	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =94-116% CCV =92%	NONE
PAHs	OK/ EPA 8270E SIM	NA	**NA**	6	**≤7[2], ≤40**	≤0.01-0.1 ug/L / 0.01-0.1 ug/L	SURR 60-82	**19-127[4]**	87-92	**25-125[4]**	5-21 D=0.4-0.07	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 29, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2301-049

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on January 9, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

Case Narrative

Samples were collected on January 8, 2023and received by the laboratory on January 9, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Total Suspended Solids	**11**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Total Suspended Solids	**18**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Total Suspended Solids	**10**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Total Suspended Solids	**17**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Total Suspended Solids	**6.0**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Total Suspended Solids	**6.2**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Total Suspended Solids	**110**	0.89	SM 2540D	1-9-23	1-9-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Total Suspended Solids	**20**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Total Suspended Solids	**20**	0.80	SM 2540D	1-9-23	1-9-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Total Suspended Solids	**9.0**	0.80	SM 2540D	1-9-23	1-9-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0109W1					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-9-23	1-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-06								
	ORIG	DUP							
Total Suspended Solids	**ND**	**ND**	NA	NA	NA	NA	NA	25	
SPIKE BLANK									
Laboratory ID:	SB0109W1								
	SB		SB		SB				
Total Suspended Solids	**84.0**		100	NA	84	67-112	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Turbidity	**4.7**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Turbidity	**6.3**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Turbidity	**5.1**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Turbidity	**12**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Turbidity	**3.5**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Turbidity	**1.9**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Turbidity	**1.1**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Turbidity	**3.6**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Turbidity	**13**	0.10	EPA 180.1	1-9-23	1-9-23	

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Laboratory Reference: 2301-049
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Turbidity	**4.6**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Turbidity	**0.31**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Turbidity	**7.7**	0.10	EPA 180.1	1-9-23	1-9-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Turbidity	**4.5**	0.10	EPA 180.1	1-9-23	1-9-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0109W1					
Turbidity	**ND**	0.10	EPA 180.1	1-9-23	1-9-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-01								
	ORIG	DUP							
Turbidity	**4.70**	**4.65**	NA	NA	NA	NA	1	18	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Hardness	**87**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Hardness	**85**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Hardness	**36**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Hardness	**51**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Hardness	**69**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Hardness	**76**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Hardness	**85**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Hardness	**25**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Hardness	**23**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Hardness	**44**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Hardness	**92**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	

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Laboratory Reference: 2301-049
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	1-12-23	1-12-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-049-01										
	ORIG	DUP									
Hardness	**87.3**	**86.0**	NA		NA	NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	01-049-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**217**	**224**	132	132	87.3	98	104	75-125	3	20	
SPIKE BLANK											
Laboratory ID:	SB0112WH1										
	SB		SB			SB					
Hardness	**135**		132		NA	102		85-115	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Dissolved Organic Carbon	**5.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Dissolved Organic Carbon	**5.3**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Dissolved Organic Carbon	**8.2**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Dissolved Organic Carbon	**4.2**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Dissolved Organic Carbon	**5.7**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Dissolved Organic Carbon	**4.4**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Dissolved Organic Carbon	**5.8**	1.0	SM 5310B	1-11-23	1-11-23	

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Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Dissolved Organic Carbon	**8.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Dissolved Organic Carbon	**5.5**	1.0	SM 5310B	1-11-23	1-11-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Dissolved Organic Carbon	**6.5**	1.0	SM 5310B	1-11-23	1-11-23	

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Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0111W1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	1-11-23	1-11-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-01								
	ORIG	DUP							
Dissolved Organic Carbon	**5.49**	**5.71**	NA	NA	NA	NA	4	15	
MATRIX SPIKE									
Laboratory ID:	01-049-01								
	MS		MS		MS				
Dissolved Organic Carbon	**14.5**		10.0	5.49	90	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0111W1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.07**		10.0	NA	91	88-118	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Total Phosphorus	**0.043**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Total Phosphorus	**0.073**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Total Phosphorus	**0.042**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Total Phosphorus	**0.052**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Total Phosphorus	**0.026**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Total Phosphorus	**0.018**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Total Phosphorus	**0.017**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Total Phosphorus	**0.028**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Total Phosphorus	**0.078**	0.010	EPA 365.1	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Total Phosphorus	**0.024**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Total Phosphorus	**0.030**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Total Phosphorus	**0.041**	0.010	EPA 365.1	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-049-02								
	ORIG	DUP							
Total Phosphorus	**0.0729**	**0.0686**	NA	NA	NA	NA	6	20	
MATRIX SPIKE									
Laboratory ID:	01-049-02								
	MS		MS		MS				
Total Phosphorus	**0.301**		0.250	0.0729	91	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0112W1								
	SB		SB		SB				
Total Phosphorus	**0.220**		0.250	NA	88	78-110	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Copper	**2.3**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**24**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Copper	**2.8**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**40**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Copper	**1.7**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**18**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Copper	**5.9**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**20**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Copper	**3.8**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**19**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Copper	**1.3**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**10**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Copper	**1.5**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Copper	**1.7**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**22**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Copper	**9.2**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**140**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Copper	**2.5**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**26**	5.0	EPA 200.8	1-13-23	1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0113WH1					
Copper	**ND**	1.0	EPA 200.8	1-13-23	1-13-23	
Zinc	**ND**	5.0	EPA 200.8	1-13-23	1-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-049-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	01-049-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**109**	**102**	100	100	ND	**109**	**102**	75-125	6	20	
Zinc	**108**	**101**	100	100	ND	**108**	**101**	75-125	7	20	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Copper	**1.6**	1.0	EPA 200.8		1-13-23	
Zinc	**19**	5.0	EPA 200.8		1-13-23	
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**14**	5.0	EPA 200.8		1-13-23	
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**12**	5.0	EPA 200.8		1-13-23	
Client ID:	**TYLMO-20230108**					
Laboratory ID:	01-049-04					
Copper	**2.7**	1.0	EPA 200.8		1-13-23	
Zinc	**5.3**	5.0	EPA 200.8		1-13-23	
Client ID:	**TYLMI-20230108**					
Laboratory ID:	01-049-05					
Copper	**2.4**	1.0	EPA 200.8		1-13-23	
Zinc	**6.4**	5.0	EPA 200.8		1-13-23	
Client ID:	**MONMN-20230108**					
Laboratory ID:	01-049-06					
Copper	**1.1**	1.0	EPA 200.8		1-13-23	
Zinc	**11**	5.0	EPA 200.8		1-13-23	
Client ID:	**MONMS-20230108**					
Laboratory ID:	01-049-07					
Copper	**1.2**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230108**					
Laboratory ID:	01-049-08					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**12**	5.0	EPA 200.8		1-13-23	
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Copper	**1.9**	1.0	EPA 200.8		1-13-23	
Zinc	**20**	5.0	EPA 200.8		1-13-23	
Client ID:	**SEIMN-20230108**					
Laboratory ID:	01-049-10					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	
Client ID:	**COLM-20230108**					
Laboratory ID:	01-049-11					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	
Client ID:	**SEIMS-20230108**					
Laboratory ID:	01-049-12					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	
Client ID:	**QA128-20230108**					
Laboratory ID:	01-049-13					
Copper	**1.7**	1.0	EPA 200.8		1-13-23	
Zinc	**20**	5.0	EPA 200.8		1-13-23	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0113D1					
Copper	**ND**	1.0	EPA 200.8		1-13-23	
Zinc	**ND**	5.0	EPA 200.8		1-13-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-087-01										
	ORIG	DUP									
Copper	**1.16**	**1.03**	NA	NA		NA		NA	12	20	
Zinc	**33.2**	**32.4**	NA	NA		NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	01-087-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**84.4**	**79.0**	80.0	80.0	1.16	**104**	**97**	75-125	7	20	
Zinc	**117**	**106**	80.0	80.0	33.2	**105**	**92**	75-125	9	20	

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230108**					
Laboratory ID:	01-049-01					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*62*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*87*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230108**					
Laboratory ID:	01-049-02					
Naphthalene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**0.0093**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.0080	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*56*	*20 - 106*				
Pyrene-d10	*75*	*19 - 104*				
Terphenyl-d14	*88*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230108**					
Laboratory ID:	01-049-03					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*20 - 106*				
Pyrene-d10	*81*	*19 - 104*				
Terphenyl-d14	*97*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230108**					
Laboratory ID:	01-049-09					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**0.013**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**0.016**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*63*	*20 - 106*				
Pyrene-d10	*75*	*19 - 104*				
Terphenyl-d14	*92*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0110W1					
Naphthalene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
2-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
1-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthylene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Acenaphthene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Fluorene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Phenanthrene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Anthracene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Fluoranthene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Pyrene	**ND**	0.050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Chrysene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[b]fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo(j,k)fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[a]pyrene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Dibenz[a,h]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Benzo[g,h,i]perylene	**ND**	0.0050	EPA 8270E/SIM	1-10-23	1-10-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*44*	*20 - 106*				
Pyrene-d10	*80*	*19 - 104*				
Terphenyl-d14	*108*	*41 - 127*				

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 9, 2023
Laboratory Reference: 2301-049
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0110W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.376**	**0.276**	0.500	0.500	75	55	25 - 82	31	39	
Acenaphthylene	**0.468**	**0.381**	0.500	0.500	94	76	35 - 107	20	26	
Acenaphthene	**0.418**	**0.346**	0.500	0.500	84	69	33 - 99	19	26	
Fluorene	**0.441**	**0.369**	0.500	0.500	88	74	43 - 95	18	24	
Phenanthrene	**0.474**	**0.425**	0.500	0.500	95	85	49 - 100	11	20	
Anthracene	**0.453**	**0.379**	0.500	0.500	91	76	47 - 101	18	21	
Fluoranthene	**0.479**	**0.426**	0.500	0.500	96	85	51 - 115	12	23	
Pyrene	**0.472**	**0.416**	0.500	0.500	94	83	53 - 117	13	24	
Benzo[a]anthracene	**0.492**	**0.446**	0.500	0.500	98	89	57 - 114	10	21	
Chrysene	**0.497**	**0.435**	0.500	0.500	99	87	55 - 119	13	21	
Benzo[b]fluoranthene	**0.446**	**0.361**	0.500	0.500	89	72	56 - 125	21	26	
Benzo(j,k)fluoranthene	**0.481**	**0.411**	0.500	0.500	96	82	53 - 124	16	22	
Benzo[a]pyrene	**0.470**	**0.433**	0.500	0.500	94	87	54 - 119	8	22	
Indeno(1,2,3-c,d)pyrene	**0.457**	**0.414**	0.500	0.500	91	83	55 - 118	10	23	
Dibenz[a,h]anthracene	**0.454**	**0.419**	0.500	0.500	91	84	56 - 118	8	23	
Benzo[g,h,i]perylene	**0.444**	**0.414**	0.500	0.500	89	83	55 - 117	7	22	
Surrogate:										
2-Fluorobiphenyl					*68*	*57*	*20 - 106*			
Pyrene-d10					*80*	*73*	*19 - 104*			
Terphenyl-d14					*96*	*88*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Feb 3 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230108	Water	23-A000308	Micro, NUT
COUMI-20230108	Water	23-A000309	Micro, NUT
TOSMO-20230108	Water	23-A000310	Micro, NUT
TYLMO-20230108	Water	23-A000311	Micro, NUT
TYLMI-20230108	Water	23-A000312	Micro, NUT
MONMN-20230108	Water	23-A000313	Micro, NUT
MONMS-20230108	Water	23-A000314	Micro, NUT
MONM-20230108	Water	23-A000315	Micro, NUT
TOSMI-20230108	Water	23-A000316	Micro, NUT
SEIMN-20230108	Water	23-A000317	Micro, NUT
COLM-20230108	Water	23-A000318	Micro, NUT
SEIMS-20230108	Water	23-A000319	Micro, NUT
QA128-20230108	Water	23-A000320	Micro, NUT

Your samples were received on Monday, January 9, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

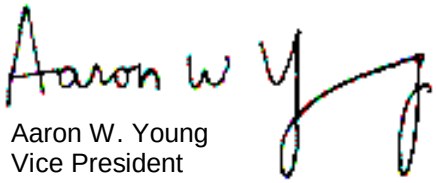
The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,



Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2327700
PO Number: 01-049

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
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www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2327700
Project #: 14-05806-000
PO Number: 01-049
All results reported on an as received basis.

Date Received: 01/09/23
Date Reported: 2/ 3/23

AMTEST Identification Number **23-A000308**
Client Identification **COUMO-20230108**
Sampling Date **01/08/23, 07:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	83.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.575	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.323	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000309**
Client Identification **COUMI-20230108**
Sampling Date **01/08/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	65.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.668	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.235	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000310**
Client Identification **TOSMO-20230108**
Sampling Date **01/08/23, 08:25**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	250	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.92	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.562	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.358	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000311**
Client Identification **TYLMO-20230108**
Sampling Date **01/08/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	300	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	1.01	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.815	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.198	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000312**
Client Identification **TYLMI-20230108**
Sampling Date **01/08/23, 09:15**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	44.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.93	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.701	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.230	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000313**
Client Identification **MONMN-20230108**
Sampling Date **01/08/23, 10:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	6.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.80	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.529	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.269	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000314**
Client Identification **MONMS-20230108**
Sampling Date **01/08/23, 10:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.94	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.551	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.388	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000315**
Client Identification **MONM-20230108**
Sampling Date **01/08/23, 10:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	24.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.468	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.300	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000316**
Client Identification **TOSMI-20230108**
Sampling Date **01/08/23, 07:55**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	280	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.88	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.543	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.336	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000317**
Client Identification **SEIMN-20230108**
Sampling Date **01/08/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	7.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.66	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.494	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.168	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000318**
Client Identification **COLM-20230108**
Sampling Date **01/08/23, 09:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	4.	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.51	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.480	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.031	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000319**
Client Identification **SEIMS-20230108**
Sampling Date **01/08/23, 09:40**

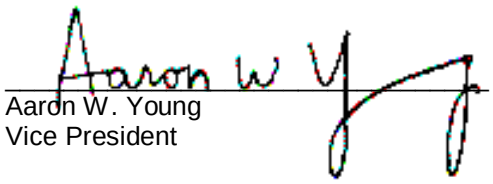
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	160	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.63	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.454	mg/l		0.3	SM4500N	MD	01/18/23
Total Nitrate + Nitrite	0.173	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000320**
Client Identification **QA128-20230108**
Sampling Date **01/08/23, 07:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	190	CFU/100 ml		1	SM 9222D	JM	01/09/23
Total Nitrogen (NOX&TKN)	0.73	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.349	mg/l		0.3	SM4500N	MD	01/31/23
Total Nitrate + Nitrite	0.378	mg/l		0.02	SM4500NO3	MD	01/13/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
Suite C
Kirkland, WA, 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A000308 to 23-A000320

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A000308	Fecal Coliform	CFU/100 ml	83.	81.	2.4
23-A000320	Fecal Coliform	CFU/100 ml	190	180	5.4
23-A000152	Total Nitrogen (TKN)	mg/l	0.385	0.383	0.52
23-A000245	Total Nitrogen (TKN)	mg/l	2.32	2.39	3.0
23-A000311	Total Nitrogen (TKN)	mg/l	0.815	0.883	8.0
23-A000320	Total Nitrogen (TKN)	mg/l	21.3	21.7	1.9
23-A000456	Total Nitrogen (TKN)	mg/l	25.8	26.3	1.9
23-A000481	Total Nitrogen (TKN)	mg/l	24.9	25.3	1.6
23-A000522	Total Nitrogen (TKN)	mg/l	59.7	58.7	1.7
23-A000544	Total Nitrogen (TKN)	mg/l	33.3	33.4	0.30
23-A000908	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A000984	Total Nitrogen (TKN)	mg/l	0.515	0.517	0.39
23-A001070	Total Nitrogen (TKN)	mg/l	0.366	0.368	0.54
23-A001122	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A001130	Total Nitrogen (TKN)	mg/l	< 0.3	< 0.3	
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	0.345	2.6
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	0.363	4.0
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	0.528	3.3
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	0.516	4.2
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	0.158	1.9
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	14.6	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A000152	Total Nitrogen (TKN)	mg/l	0.385	2.56	2.00	108.75 %
23-A000245	Total Nitrogen (TKN)	mg/l	2.32	4.37	2.00	102.50 %
23-A000311	Total Nitrogen (TKN)	mg/l	0.815	2.94	2.00	106.25 %
23-A000320	Total Nitrogen (TKN)	mg/l	21.3	43.0	20.0	108.50 %
23-A000456	Total Nitrogen (TKN)	mg/l	25.8	51.2	25.0	101.60 %
23-A000481	Total Nitrogen (TKN)	mg/l	24.9	80.4	50.0	111.00 %
23-A000522	Total Nitrogen (TKN)	mg/l	59.7	113.	50.0	106.60 %
23-A000544	Total Nitrogen (TKN)	mg/l	33.3	60.2	25.0	107.60 %
23-A000908	Total Nitrogen (TKN)	mg/l	< 0.3	1.07	1.00	107.00 %
23-A000984	Total Nitrogen (TKN)	mg/l	0.515	2.69	2.00	108.75 %
23-A001070	Total Nitrogen (TKN)	mg/l	0.366	2.59	2.00	111.20 %
23-A001122	Total Nitrogen (TKN)	mg/l	0.294	2.55	2.00	112.80 %
23-A001130	Total Nitrogen (TKN)	mg/l	0.182	2.28	2.00	104.90 %
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	1.36	1.00	102.40 %

QC Summary for sample numbers: 23-A000308 to 23-A000320...

MATRIX SPIKES continued....

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	1.32	1.00	94.20 %
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	1.53	1.00	101.90 %
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	0.855	1.00	85.50 %
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	1.54	1.00	104.50 %
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	0.925	1.00	92.50 %
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	1.10	1.00	93.90 %
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	24.2	10.0	96.00 %

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.04	104. %
Total Nitrogen (TKN)	mg/l	1.00	1.07	107. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.07	107. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.01	101. %
Total Nitrogen (TKN)	mg/l	1.00	1.03	103. %
Total Nitrogen (TKN)	mg/l	1.00	1.04	104. %
Total Nitrogen (TKN)	mg/l	1.00	1.06	106. %
Total Nitrogen (TKN)	mg/l	1.00	1.02	102. %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	0.999	99.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.985	98.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.935	93.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.966	96.6 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02

QC Summary for sample numbers: 23-A000308 to 23-A000320...

BLANKS continued....

ANALYTE	UNITS	RESULT
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-049

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
308	COUMO-20230108	1/8/23	7:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
309	COUMI-20230108	1/8/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
310	TOSMO-20230108	1/8/23	8:25	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
311	TYLMO-20230108	1/8/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
312	TYLMI-20230108	1/8/23	9:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
313	MONMN-20230108	1/8/23	10:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
314	MONMS-20230108	1/8/23	10:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
315	MONM-20230108	1/8/23	10:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
316	TOSMI-20230108	1/8/23	7:55	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
317	SEIMN-20230108	1/8/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	CSE	1/9/23	1205	
Received by: KH	Amtest	1/9/23	1211	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T= 10.3°C

P.12

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-049

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
318	COLM-20230108	1/8/23	9:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
319	SEIMS-20230108	1/8/23	9:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
320	QA128-20230108	1/8/23	7:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/9/23	1205	T= 10.3C
Received by: KH	Amtest	1/9/23	1211	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84161	***Date:*** 28-Mar-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38664-5	COUMO-20230108
L38664-6	COUMI-20230108
L38664-7	TOSMO-20230108
L38664-8	TOSMI-20230108

Blank: WG84161-101

Reference or Spike: WG84161-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID: WG84161-101) was below the method nominal limit and was flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for a labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-049

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230108 L38864-5	1/8/23	7:35	W	2	6PPD-q
	COUMI-20230108 -6	1/8/23	8:05	W	2	6PPD-q
	TOSMO-20230108 -7	1/8/23	8:25	W	2	6PPD-q
	TOSMI-20230108 -8	1/8/23	7:55	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	CORE	1/9/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: RRS		~~13-Jan-23~~	~~13:05~~	RRS 20JAN2023
Relinquished by:		12 Jan- 2023		
Received by:			~~13:10~~ 12:10	RRS 20JAN2023

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230108
Sample Collection:
08-Jan-2023 07:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-5
Matrix:	AQUEOUS	**Sample Size:**	0.476 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:19:38	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 31**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		12.9	0.105 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-5_Form1A_AO3O_060S31_SJ3217475.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230108
Sample Collection:
08-Jan-2023 07:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-5
Sample Receipt Date:	18-Jan-2023	**Sample Size:**	0.476 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 15:19:38	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 31**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	38.1	77.4	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L38664-5_Form2_AO3O_060S31_SJ3217475.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230108
Sample Collection:
08-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-6
Matrix:	AQUEOUS	**Sample Size:**	0.392 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:34:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 32**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		9.99	0.127 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-6_Form1A_AO3O_060S32_SJ3217476.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230108
Sample Collection:
08-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-6
Matrix:	AQUEOUS	**Sample Size:**	0.392 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:34:53	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 32**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.9	70.9	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-6_Form2_AO3O_060S32_SJ3217476.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230108
Sample Collection:
08-Jan-2023 08:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-7
Matrix:	AQUEOUS	**Sample Size:**	0.436 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:50:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		5.76	0.115 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-7_Form1A_AO3O_060S33_SJ3217477.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230108
Sample Collection:
08-Jan-2023 08:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-7
Matrix:	AQUEOUS	**Sample Size:**	0.436 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:50:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 33**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.0	67.2	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-7_Form2_AO3O_060S33_SJ3217477.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230108
Sample Collection:
08-Jan-2023 07:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-8
Matrix:	AQUEOUS	**Sample Size:**	0.477 L
Sample Receipt Date:	18-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:05:23	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 34**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		16.0	0.105 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-8_Form1A_AO3O_060S34_SJ3217478.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230108
Sample Collection:
08-Jan-2023 07:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-8
Sample Receipt Date:	18-Jan-2023	**Sample Size:**	0.477 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 16:05:23	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 34**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.5	70.1	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-8_Form2_AO3O_060S34_SJ3217478.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND H		0.647 (S)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form1A_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	1.43	2.91	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form2_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.41	88.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8A_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	36.0	73.2	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8B_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.26	85.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4A_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	49.1	99.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 28-Mar-2023 13:50:51; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4B_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																			
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y									
OC Pesticides		EPA 625	MLA-007																										Y									
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																													
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																													
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y				
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y															Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																									
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131 2,2',3,3',4,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y											Y										Y							
PCB congeners		SGS AXYS MLA-908	MLA-908						Y											Y										Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y								Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y				Y	Y							Y								Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y	
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y									Y	
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y	Y	Y	Y	Y
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y			Y	Y
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y			Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y								Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y			Y	Y
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		Draft EPA 1633	MLA-110									Y										Y											Y					
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y		Y						Y		Y										Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y					Y	Y	Y	Y		Y			Y			Y	Y
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y									Y		Y					
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y										Y							
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y							
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y							

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y							Y	Y	Y	Y						Y		Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y					Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y	Y		Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y	Y						Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY 01-049

Page ___ of ___

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230108	01-08-23	7:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2022		8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2022		8:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2022		8:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2022		9:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2022		10:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2022		10:10	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2022		10:05	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2022		7:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2022		8:50	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2022		9:05	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2022		9:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA-20230108~~ QA128-20230108		7:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by [signature] Date 1/9/23 Received by [signature] Date 1/9/23

Firm Herrera Environmental Time 8:00 Firm OSE Time 8:00

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY 01-049

Page ___ of ___

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230108	01-08-23	7:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230108	"	8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230108	"	8:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230108	"	8:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230108	"	9:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230108	"	10:00	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230108	"	10:10	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230108	"	10:05	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230108	"	7:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230108	"	8:50	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230108	"	9:05	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230108	"	9:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA-20230108~~ QA128-20230108	"	7:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by: [signature] Date 1/9/23 Received by: [signature] Date 1/9/22

Firm [illegible] Time 9:50 Firm OSE Time 8:00

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/2023 **Sample Time:** 7:35 ~~PDT~~ PST

Base Flow or Storm Event?

Field filtered 5 minutes later: Y / N
(Must filter within 15 minutes of collection)

SITE ID: COUMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 43°F

Water Quality Sampling

Sample ID: COUMO-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.40

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 72.3

Dissolved Oxygen (mg/L) 11.73

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 7:40 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y (N)
(Must filter within 15 minutes of collection)

SITE ID: QA-128

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp:

Water Quality Sampling

Sample ID: QA128-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	QA-128
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 √

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.40

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.2

Specific Conductivity (µs/cm) 72.3

Dissolved Oxygen (mg/L) 11.73

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 8:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y / N
(Must filter within 15 minutes of collection)

SITE ID: COUMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 43°F

Water Quality Sampling

Sample ID: COUMI-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 √

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description):

Water Quality Measurments

Temperature (°C) 7.1

Specific Conductivity (µs/cm) 221.4

Dissolved Oxygen (mg/L) 11.86

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 8:25 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMD

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 45°F

Water Quality Sampling

Sample ID: TOSMD-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.62

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.3

Specific Conductivity (µs/cm) 216.0

Dissolved Oxygen (mg/L) 11.93

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 8:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 46°F

Water Quality Sampling

Sample ID: TYLMO-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1		

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.71

Reference Point (description): Top of culvert

Water Quality Measurments

Temperature (°C) 6.6

Specific Conductivity (µs/cm) 106.5

Dissolved Oxygen (mg/L) 12.10

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/23 **Sample Time:** 9:15 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y / N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 46°F

Water Quality Sampling

Sample ID: TYLM1-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Rep
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Colorless

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.42

Reference Point (description): Top of culvert

Water Quality Measurments

Temperature (°C) 6.1°C

Specific Conductivity (µs/cm) 149.1

Dissolved Oxygen (mg/L) 11.57

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: TF, XZ

Sample Date: 01/08/2023 **Sample Time:** 9:40 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y-N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Raining, 44°F

Water Quality Sampling

Sample ID: SEIMS-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: Clear

Color: Colorless

Odor: N/A

Sheen: N/A

Floatables: N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.91

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.6

Specific Conductivity (µs/cm) 99.7

Dissolved Oxygen (mg/L) 11.65

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Theo T, KL

Sample Date: 1/18/23 **Sample Time:** 10:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MO NM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 45°

Water Quality Sampling

Sample ID:

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: creek

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

~~YSI Pro DSS 1~~

~~YSI Pro DSS 2~~

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.02

Reference Point (description): S6

Water Quality Measurments

Temperature (°C) 6.7

Specific Conductivity (µs/cm) 218.9

Dissolved Oxygen (mg/L) 12.18

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MEAGHAN OCL MAKIEMM

Sample Date: 01/08/23 **Sample Time:** 10:10 PDT:

Base Flow or Storm Event? PST:

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: RAINING 45

Water Quality Sampling

Sample ID: MONMS-20220108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	↓
PAH's	Amber Glass	500 ml	1	None	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: no

Odor: ↓

Sheen: ↓

Floatables: some bubbles

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.1

Reference Point (description): down pipe wl wli

Water Quality Measurments

Temperature (°C) 5.4

Specific Conductivity (µs/cm) 276.2

Dissolved Oxygen (mg/L) 9.34

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. OCONNOR LENTH, M. MATSUMOTO

Sample Date: 01/08/23 **Sample Time:** 8:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 45

Water Quality Sampling

Sample ID: SEIMN-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: no
Odor: no
Sheen: no
Floatables: no

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.1

Reference Point (description): bolt on pipe down

Water Quality Measurments

Temperature (°C) 5.3

Specific Conductivity (µs/cm) 73.5

Dissolved Oxygen (mg/L) 12.67

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: Meaghan OCL Makie M.M

Sample Date: 01/08/23 **Sample Time:** 7:55 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 42

Water Quality Sampling

Sample ID: TOSM1-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: no

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.90

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.4

Specific Conductivity (µs/cm) 181.0

Dissolved Oxygen (mg/L) 12.19

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MEAGHAN OCL, MAKIEMM

Sample Date: 01/08/23 **Sample Time:** 9:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: RAINING 44

Water Quality Sampling

Sample ID: COLM-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	no
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.67

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.3

Specific Conductivity (µs/cm) 122.4

Dissolved Oxygen (mg/L) 12.18

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: MEAGHAN OCL, MAKIE. MM

Sample Date: 01/08/23 **Sample Time:** 10:00 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp:

Water Quality Sampling

Sample ID: MONMN-20230108

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: no

Odor:

Sheen:

Floatables: some bubbles

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.25

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.4

Specific Conductivity (µs/cm) 198.6

Dissolved Oxygen (mg/L) 12.16

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/8/2023 /All locations, QA128 (COUMO) Lab Ref No 2301-049

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤0.8 mg/L 1.0 mg/L	NA	**NA**	84	**±20**	NC	**≤ 25**	20	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	1	**≤ 25**	4	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	98, 104	**±25**	102	**±15**	2 MS 3	**≤ 20**	6	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	4	**≤28**	≤1.0 mg/L 1.0 mg/L	90	**±25**	91	**±15**	4	**≤ 20**	17	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	8	**≤28**	≤0.01 mg/L 0.01 mg/L	91	**±25**	88	**±20**	6	**≤ 20**	D=0.002	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	5, 10	**≤28**	≤0.1 mg/L 0.1 mg/L	86-113	**±25**	94-107	**±20**	<1-4, D=0-0.07	**≤ 20**	16 D=0.23 (OK - RL FOR TKN IS 0.3)	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/8/2023 /All locations, QA128 (COUMO) Lab Ref No 2301-049

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	109, 102	**±25**	NR	**±15**	NC MS 6	**≤ 20**	D=0.2	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	108, 101	**±25**	NR	**±15**	NC MS 7	**≤ 20**	D=2	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	104, 97	**±25**	NR	**±15**	NC MS 7	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	105, 92	**±25**	NR	**±15**	NC MS 9	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	2, 5	**≤ 35**	78	**≤ 50**	OK	FLAG COUMO J DUE TO FIELD DUPE EXCEEDANCE
6PPD-q	OK/ MLA-118	NA	**NA**	31, 28	**≤14[2], ≤28**	≤0.65 ng/mL 0.1 ng/mL	88	**±30**	SURR 68-77	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =88-130% CCV =85%	NO FLAG FOR HOLDING TIME EXCEEDANCE WITHIN LAB LIMIT OF 35 DAYS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	2, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 44-108	**19-127[3]**	55-99	**25-125[4]**	7-21, D=0.05-0.1	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 29, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2301-084

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on January 12, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

Case Narrative

Samples were collected on January 12, 2023 and received by the laboratory on January 12, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Total Suspended Solids	**15**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Total Suspended Solids	**17**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Total Suspended Solids	**35**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Total Suspended Solids	**23**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Total Suspended Solids	**8.8**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Total Suspended Solids	**6.4**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Total Suspended Solids	**8.0**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Total Suspended Solids	**34**	0.80	SM 2540D	1-13-23	1-13-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Total Suspended Solids	**27**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Total Suspended Solids	**4.0**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Total Suspended Solids	**21**	0.80	SM 2540D	1-13-23	1-13-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-13-23	1-13-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0113W1					
Total Suspended Solids	**ND**	0.80	SM 2540D	1-13-23	1-13-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-02								
	ORIG	DUP							
Total Suspended Solids	**16.8**	**16.2**	NA	NA	NA	NA	4	25	
SPIKE BLANK									
Laboratory ID:	SB0113W1								
	SB		SB		SB				
Total Suspended Solids	**76.0**		100	NA	76	67-112	NA	NA	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Turbidity	**8.2**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Turbidity	**11**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Turbidity	**22**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Turbidity	**13**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Turbidity	**6.4**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Turbidity	**3.5**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Turbidity	**2.5**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Turbidity	**5.6**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Turbidity	**17**	0.10	EPA 180.1	1-12-23	1-12-23	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Turbidity	**9.3**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Turbidity	**0.56**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Turbidity	**15**	0.10	EPA 180.1	1-12-23	1-12-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Turbidity	**0.57**	0.10	EPA 180.1	1-12-23	1-12-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112W1					
Turbidity	**ND**	0.10	EPA 180.1	1-12-23	1-12-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-01								
	ORIG	DUP							
Turbidity	**8.24**	**8.58**	NA	NA	NA	NA	4	18	

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and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Hardness	**47**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Hardness	**71**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Hardness	**28**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Hardness	**46**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Hardness	**75**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Hardness	**35**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Hardness	**27**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Hardness	**23**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Hardness	**40**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Hardness	**25**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0116WH1					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	1-16-23	1-16-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-084-01										
	ORIG	DUP									
Hardness	**46.8**	**46.9**	NA		NA	NA		NA	0	20	
MATRIX SPIKES											
Laboratory ID:	01-084-01										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**188**	**185**	132	132	46.8	107	105	75-125	2	20	
SPIKE BLANK											
Laboratory ID:	SB0116WH1										
	SB		SB			SB					
Hardness	**135**		132		NA	102		85-115	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Dissolved Organic Carbon	**4.8**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Dissolved Organic Carbon	**4.5**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Dissolved Organic Carbon	**4.0**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Dissolved Organic Carbon	**3.7**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Dissolved Organic Carbon	**7.5**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Dissolved Organic Carbon	**4.9**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Dissolved Organic Carbon	**5.8**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Dissolved Organic Carbon	**3.6**	1.0	SM 5310B	1-17-23	1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Dissolved Organic Carbon	**7.2**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Dissolved Organic Carbon	**8.6**	1.0	SM 5310B	1-17-23	1-17-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Dissolved Organic Carbon	**8.7**	1.0	SM 5310B	1-17-23	1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0117D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	1-17-23	1-17-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-01								
	ORIG	DUP							
Dissolved Organic Carbon	**4.78**	**4.71**	NA	NA	NA	NA	1	15	
MATRIX SPIKE									
Laboratory ID:	01-084-01								
	MS		MS		MS				
Dissolved Organic Carbon	**14.4**		10.0	4.78	96	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0117D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.64**		10.0	NA	96	88-118	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Total Phosphorus	**0.041**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Total Phosphorus	**0.057**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Total Phosphorus	**0.076**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Total Phosphorus	**0.052**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Total Phosphorus	**0.041**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Total Phosphorus	**0.017**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Total Phosphorus	**0.020**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Total Phosphorus	**0.027**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Total Phosphorus	**0.085**	0.010	EPA 365.1	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Total Phosphorus	**0.030**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Total Phosphorus	**0.046**	0.010	EPA 365.1	1-16-23	1-16-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0112W1					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-16-23	1-16-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-084-01								
	ORIG	DUP							
Total Phosphorus	**0.0405**	**0.0452**	NA	NA	NA	NA	11	20	
MATRIX SPIKE									
Laboratory ID:	01-084-01								
	MS		MS		MS				
Total Phosphorus	**0.269**		0.250	0.0405	91	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0112W1								
	SB		SB		SB				
Total Phosphorus	**0.223**		0.250	NA	89	78-110	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Copper	**2.2**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**30**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Copper	**1.6**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**21**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Copper	**3.0**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**36**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Copper	**4.7**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**18**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Copper	**2.7**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**9.8**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Copper	**1.1**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**5.9**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Copper	**1.5**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Copper	**1.2**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**16**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Copper	**3.3**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**54**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Copper	**1.1**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0116WH2					
Copper	**ND**	1.0	EPA 200.8	1-16-23	1-17-23	
Zinc	**ND**	5.0	EPA 200.8	1-16-23	1-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-084-11										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	01-084-11										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**95.4**	**108**	100	100	ND	**95**	**108**	75-125	12	20	
Zinc	**95.6**	**109**	100	100	ND	**96**	**109**	75-125	13	20	

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**17**	5.0	EPA 200.8		1-17-23	
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**11**	5.0	EPA 200.8		1-17-23	
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**9.8**	5.0	EPA 200.8		1-17-23	
Client ID:	**TYLMO-20230112**					
Laboratory ID:	01-084-04					
Copper	**2.4**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**TYLMI-20230112**					
Laboratory ID:	01-084-05					
Copper	**1.8**	1.0	EPA 200.8		1-17-23	
Zinc	**5.3**	5.0	EPA 200.8		1-17-23	
Client ID:	**MONMN-20230112**					
Laboratory ID:	01-084-06					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**6.0**	5.0	EPA 200.8		1-17-23	
Client ID:	**MONMS-20230112**					
Laboratory ID:	01-084-07					
Copper	**1.1**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230112**					
Laboratory ID:	01-084-08					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**11**	5.0	EPA 200.8		1-17-23	
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Copper	**2.1**	1.0	EPA 200.8		1-17-23	
Zinc	**18**	5.0	EPA 200.8		1-17-23	
Client ID:	**SEIMN-20230112**					
Laboratory ID:	01-084-10					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**COLM-20230112**					
Laboratory ID:	01-084-11					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**SEIMS-20230112**					
Laboratory ID:	01-084-12					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	
Client ID:	**QA129-20230112**					
Laboratory ID:	01-084-13					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	

This report pertains to the samples analyzed in accordance with the chain of custody,
and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0117D1					
Copper	**ND**	1.0	EPA 200.8		1-17-23	
Zinc	**ND**	5.0	EPA 200.8		1-17-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-084-01										
	ORIG	DUP									
Copper	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Zinc	**16.8**	**16.3**	NA	NA		NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	01-084-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**73.4**	**72.4**	80.0	80.0	ND	**92**	**91**	75-125	1	20	
Zinc	**92.2**	**92.0**	80.0	80.0	16.8	**94**	**94**	75-125	0	20	

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230112**					
Laboratory ID:	01-084-01					
Naphthalene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.11	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.011	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*83*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230112**					
Laboratory ID:	01-084-02					
Naphthalene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.13	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**0.015**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**0.016**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.013	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*20 - 106*				
Pyrene-d10	*84*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230112**					
Laboratory ID:	01-084-03					
Naphthalene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**0.012**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**0.011**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**0.017**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**0.0099**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**0.011**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**0.012**	0.0073	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*72*	*20 - 106*				
Pyrene-d10	*74*	*19 - 104*				
Terphenyl-d14	*84*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230112**					
Laboratory ID:	01-084-09					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**0.012**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*68*	*20 - 106*				
Pyrene-d10	*79*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0117W1					
Naphthalene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
2-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
1-Methylnaphthalene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthylene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Acenaphthene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Fluorene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Phenanthrene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Anthracene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Fluoranthene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Pyrene	**ND**	0.050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Chrysene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[b]fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo(j,k)fluoranthene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[a]pyrene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Dibenz[a,h]anthracene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Benzo[g,h,i]perylene	**ND**	0.0050	EPA 8270E/SIM	1-17-23	1-18-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*38*	*20 - 106*				
Pyrene-d10	*82*	*19 - 104*				
Terphenyl-d14	*95*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 12, 2023
Laboratory Reference: 2301-084
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0117W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.320**	**0.317**	0.500	0.500	64	63	25 - 82	1	39	
Acenaphthylene	**0.345**	**0.348**	0.500	0.500	69	70	35 - 107	1	26	
Acenaphthene	**0.329**	**0.335**	0.500	0.500	66	67	33 - 99	2	26	
Fluorene	**0.371**	**0.389**	0.500	0.500	74	78	43 - 95	5	24	
Phenanthrene	**0.369**	**0.388**	0.500	0.500	74	78	49 - 100	5	20	
Anthracene	**0.369**	**0.381**	0.500	0.500	74	76	47 - 101	3	21	
Fluoranthene	**0.426**	**0.430**	0.500	0.500	85	86	51 - 115	1	23	
Pyrene	**0.421**	**0.414**	0.500	0.500	84	83	53 - 117	2	24	
Benzo[a]anthracene	**0.361**	**0.382**	0.500	0.500	72	76	57 - 114	6	21	
Chrysene	**0.435**	**0.424**	0.500	0.500	87	85	55 - 119	3	21	
Benzo[b]fluoranthene	**0.489**	**0.416**	0.500	0.500	98	83	56 - 125	16	26	
Benzo(j,k)fluoranthene	**0.496**	**0.434**	0.500	0.500	99	87	53 - 124	13	22	
Benzo[a]pyrene	**0.435**	**0.398**	0.500	0.500	87	80	54 - 119	9	22	
Indeno(1,2,3-c,d)pyrene	**0.457**	**0.391**	0.500	0.500	91	78	55 - 118	16	23	
Dibenz[a,h]anthracene	**0.479**	**0.410**	0.500	0.500	96	82	56 - 118	16	23	
Benzo[g,h,i]perylene	**0.481**	**0.405**	0.500	0.500	96	81	55 - 117	17	22	
Surrogate:										
2-Fluorobiphenyl					*54*	*55*	*20 - 106*			
Pyrene-d10					*72*	*72*	*19 - 104*			
Terphenyl-d14					*77*	*80*	*41 - 127*			

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Jan 26 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW

Dear BLAIR GOODROW:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20230112	Water	23-A000556	Micro, NUT
COUMI-20230112	Water	23-A000557	Micro, NUT
TOSMO-20230112	Water	23-A000558	Micro, NUT
TYLMO-20230112	Water	23-A000559	Micro, NUT
TYLMI-20230112	Water	23-A000560	Micro, NUT
MONMN-20230112	Water	23-A000561	Micro, NUT
MONMS-20230112	Water	23-A000562	Micro, NUT
MONM-20230112	Water	23-A000563	Micro, NUT
TOSMI-20230112	Water	23-A000564	Micro, NUT
SEIMN-20230112	Water	23-A000565	Micro, NUT
COLM-20221122	Water	23-A000566	Micro, NUT
SEIMS-20221122	Water	23-A000567	Micro, NUT
QA129-20221122	Water	23-A000568	Micro, NUT

Your samples were received on Thursday, January 12, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2327760
PO Number: 01-084

BACT = Bacteriological MET = Metals NUT=Nutrients MIN=Minerals
CONV = Conventionals ORG = Organics DEM=Demand

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: BLAIR GOODROW
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2327760
Project #: 14-05806-000
PO Number: 01-084
All results reported on an as received basis.

Date Received: 01/12/23
Date Reported: 1/26/23

AMTEST Identification Number **23-A000556**
Client Identification **COUMO-20230112**
Sampling Date **01/12/23, 06:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	660	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.68	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.464	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.221	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000557**
Client Identification **COUMI-20230112**
Sampling Date **01/12/23, 06:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	740	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.63	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.412	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.216	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000558**
Client Identification **TOSMO-20230112**
Sampling Date **01/12/23, 07:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	520	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.98	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.787	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.198	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000559**
Client Identification **TYLMO-20230112**
Sampling Date **01/12/23, 07:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	840	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.14	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.975	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.163	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000560**
Client Identification **TYLMI-20230112**
Sampling Date **01/12/23, 07:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	95.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.07	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.855	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.214	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000561**
Client Identification **MONMN-20230112**
Sampling Date **01/12/23, 08:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	35.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.90	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.602	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.294	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000562**
Client Identification **MONMS-20230112**
Sampling Date **01/12/23, 09:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.07	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.774	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.294	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000563**
Client Identification **MONM-20230112**
Sampling Date **01/12/23, 08:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	44.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.91	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.650	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.263	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000564**
Client Identification **TOSMI-20230112**
Sampling Date **01/12/23, 06:45**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	680	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.81	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.656	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.155	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000565**
Client Identification **SEIMN-20230112**
Sampling Date **01/12/23, 07:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	30.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	1.10	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.939	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.161	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000566**
Client Identification **COLM-20221122**
Sampling Date **01/12/23, 08:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.61	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.566	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.045	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000567**
Client Identification **SEIMS-20221122**
Sampling Date **01/12/23, 08:15**

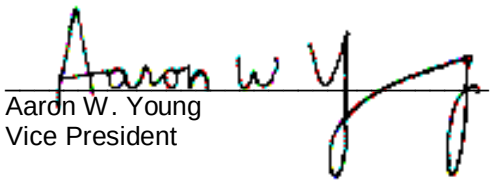
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	33.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.93	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.779	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.153	mg/l		0.02	SM4500NO3	MD	01/13/23

AMTEST Identification Number **23-A000568**
Client Identification **QA129-20221122**
Sampling Date **01/12/23, 08:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	9.	CFU/100 ml		1	SM 9222D	JM	01/12/23
Total Nitrogen (NOX&TKN)	0.64	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.602	mg/l		0.25	SM4500N	MD	01/24/23
Total Nitrate + Nitrite	0.040	mg/l		0.02	SM4500NO3	MD	01/13/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
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(425) 885-1664
www.amtestlab.com

Professional Analytical Services

QC Summary for sample numbers: 23-A000556 to 23-A000568

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A000493	Fecal Coliform	CFU/100 ml	83.	110	28.
23-A000503	Fecal Coliform	CFU/100 ml	290	330	13.
23-A000556	Fecal Coliform	CFU/100 ml	660	800	19.
23-A000564	Total Nitrogen (TKN)	mg/l	0.656	0.653	0.46
23-A000594	Total Nitrogen (TKN)	mg/l	15.9	16.4	3.1
23-A000641	Total Nitrogen (TKN)	mg/l	48.3	48.9	1.2
23-A000677	Total Nitrogen (TKN)	mg/l	22.4	22.5	0.45
23-A000824	Total Nitrogen (TKN)	mg/l	46.9	46.5	0.86
23-A000851	Total Nitrogen (TKN)	mg/l	30.6	30.8	0.65
23-A000861	Total Nitrogen (TKN)	mg/l	18.9	18.9	0.00
23-A000886	Total Nitrogen (TKN)	mg/l	0.275	0.305	10.
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	0.345	2.6
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	0.363	4.0
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	0.528	3.3
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	0.516	4.2
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	0.158	1.9
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	14.6	0.00

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A000564	Total Nitrogen (TKN)	mg/l	0.656	2.76	2.00	105.20 %
23-A000594	Total Nitrogen (TKN)	mg/l	15.9	43.6	25.0	110.80 %
23-A000641	Total Nitrogen (TKN)	mg/l	48.3	102.	50.0	107.40 %
23-A000677	Total Nitrogen (TKN)	mg/l	22.4	47.4	25.0	100.00 %
23-A000824	Total Nitrogen (TKN)	mg/l	46.9	72.5	25.0	102.40 %
23-A000851	Total Nitrogen (TKN)	mg/l	30.6	57.5	25.0	107.60 %
23-A000861	Total Nitrogen (TKN)	mg/l	18.9	45.4	25.0	106.00 %
23-A000886	Total Nitrogen (TKN)	mg/l	0.275	2.47	2.00	109.75 %
23-A000316	Total Nitrate + Nitrite	mg/l	0.336	1.36	1.00	102.40 %
23-A000320	Total Nitrate + Nitrite	mg/l	0.378	1.32	1.00	94.20 %
23-A000448	Total Nitrate + Nitrite	mg/l	0.511	1.53	1.00	101.90 %
23-A000455	Total Nitrate + Nitrite	mg/l	< 0.02	0.855	1.00	85.50 %
23-A000540	Total Nitrate + Nitrite	mg/l	0.495	1.54	1.00	104.50 %
23-A000541	Total Nitrate + Nitrite	mg/l	< 0.02	0.925	1.00	92.50 %
23-A000565	Total Nitrate + Nitrite	mg/l	0.161	1.10	1.00	93.90 %
23-A000594	Total Nitrate + Nitrite	mg/l	14.6	24.2	10.0	96.00 %

QC Summary for sample numbers: 23-A000556 to 23-A000568...

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	0.990	99.0 %
Total Nitrogen (TKN)	mg/l	1.00	0.947	94.7 %
Total Nitrogen (TKN)	mg/l	1.00	0.950	95.0 %
Total Nitrate + Nitrite	mg/l	1.00	1.00	100. %
Total Nitrate + Nitrite	mg/l	1.00	0.999	99.9 %
Total Nitrate + Nitrite	mg/l	1.00	0.985	98.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.935	93.5 %
Total Nitrate + Nitrite	mg/l	1.00	0.966	96.6 %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrogen (TKN)	mg/l	< 0.25
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-084

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other:

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20230112 556	1/12/23	6:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20230112 557	1/12/23	6:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20230112 558	1/12/23	7:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20230112 559	1/12/23	7:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20230112 560	1/12/23	7:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20230112 561	1/12/23	8:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20230112 562	1/12/23	9:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20230112 563	1/12/23	8:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20230112 564	1/12/23	6:45	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMN-20230112 565	1/12/23	7:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/12/23	2:10PM	
Received by: KL	AmTest	1/12/23	1410	EDDs - CSV
Relinquished by:				Reporting Limits:
Received by:				Fecal Coliform - 1.0 cfu/100ml
Relinquished by:				Total Nitrogen - .10 mg/L
Received by:				

T= 12.4°C

P.11

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-084

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20221122 566	1/12/23	8:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMS-20221122 567	1/12/23	8:15	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA129-20221122 568	1/12/23	8:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	1/12/23	2:10pm	
Received by:	KL	AmTest	1/12/23	DS	EDDs - CSV
Relinquished by:			1/12/23	14:10	Reporting Limits:
Received by:					Fecal Coliform - 1.0 cfu/100ml
Relinquished by:					Total Nitrogen - .10 mg/L
Received by:					

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84161	***Date:*** 28-Mar-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38664-1	COUMO-20230112
L38664-2	COUMI-20230112
L38664-3	TOSMO-20230112
L38664-4	TOSMI-20230112

Blank: WG84161-101

Reference or Spike: WG84161-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID: WG84161-101) was below the method nominal limit and was flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for a labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.

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February 2017

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OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-084

Laboratory: SGS AXYS Analytical Services Ltd.

Attention: Suma Thomas

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Phone Number: 250-655-5825

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: David Baumeister

email: dbaumeister@onsite-env.com

Project Number: 14-05806-000

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230112 L38664-1	1/12/23	6:35	W	2	6PPD-q
	COUMI-20230112 -2	1/12/23	6:50	W	2	6PPD-q
	TOSMO-20230112 -3	1/12/23	7:05	W	2	6PPD-q
	TOSMI-20230112 -4	1/12/23	6:45	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nicholle Bafin	OSE	1/12/23	1500	EIM
Received by:				
Relinquished by:				
Received by:	SGS	13-Jan-23	13:05	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230112
Sample Collection:
12-Jan-2023 06:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-1
Matrix:	AQUEOUS	**Sample Size:**	0.488 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:18:37	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 27**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		21.2	0.103 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-1_Form1A_AO3O_060S27_SJ3217471.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230112
Sample Collection:
12-Jan-2023 06:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-1
Sample Receipt Date:	13-Jan-2023	**Sample Size:**	0.488 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 14:18:37	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 27**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	26.2	53.3	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38664-1_Form2_AO3O_060S27_SJ3217471.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230112
Sample Collection:
12-Jan-2023 06:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-2
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:33:52	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		12.8	0.104 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-2_Form1A_AO3O_060S28_SJ3217472.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230112
Sample Collection:
12-Jan-2023 06:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-2
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:33:52	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	26.4	53.6	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-2_Form2_AO3O_060S28_SJ3217472.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230112
Sample Collection:
12-Jan-2023 07:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-3
Matrix:	AQUEOUS	**Sample Size:**	0.483 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 14:49:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 29**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		12.0	0.103 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-3_Form1A_AO3O_060S29_SJ3217473.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230112
Sample Collection:
12-Jan-2023 07:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-3
Sample Receipt Date:	13-Jan-2023	**Sample Size:**	0.483 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 14:49:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 29**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.1	44.9	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-3_Form2_AO3O_060S29_SJ3217473.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230112
Sample Collection:
12-Jan-2023 06:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38664-4
Matrix:	AQUEOUS	**Sample Size:**	0.489 L
Sample Receipt Date:	13-Jan-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 15:04:23	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 30**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		22.0	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-4_Form1A_AO3O_060S30_SJ3217474.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230112
Sample Collection:
12-Jan-2023 06:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38664-4
Sample Receipt Date:	13-Jan-2023	**Sample Size:**	0.489 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 15:04:23	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 30**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	23.9	48.7	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38664-4_Form2_AO3O_060S30_SJ3217474.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG84161-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND H		0.647 (S)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form1A_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	1.43	2.91	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form2_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.41	88.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8A_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	36.0	73.2	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8B_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

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Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.26	85.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4A_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	49.1	99.9

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 28-Mar-2023 13:52:49; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4B_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																			
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y									
OC Pesticides		EPA 625	MLA-007																										Y									
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																													
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																													
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y									
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y														Y									
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y				
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y															Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													

Accreditation Scope

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

Accreditation Scope

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y													
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y										Y						Y				Y								
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																									
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131 2,2',3,3',4,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																				
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																			
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y			

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010							Y										Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210						Y											Y										Y							
PCB congeners		SGS AXYS MLA-908	MLA-908						Y											Y										Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y			Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210				Y									Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908						Y						Y	Y				Y			Y						Y				Y	Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y			Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y			Y			Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217				Y			Y						Y			Y	Y		Y	Y		Y	Y				Y				Y			Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y					Y								
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y				Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y								Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y				Y	Y							Y								Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y	
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y									Y	
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y					Y	Y	Y	Y	Y
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y			Y	Y
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y			Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y								Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y			Y	Y
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		Draft EPA 1633	MLA-110									Y										Y											Y					
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y		Y						Y		Y										Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y					Y	Y	Y	Y		Y			Y			Y	Y
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y									Y		Y					
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y										Y							
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y							
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y							Y	Y	Y	Y						Y		Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y					Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y			Y	Y		Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y							Y									Y	Y		Y								Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y			Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y	Y						Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110		Y	Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y		Y						Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y										Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y						Y		Y	Y		Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y		Y	Y					Y		Y			Y						Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y		Y	Y	Y		Y		Y	Y		Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

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file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 01-084

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0112	01/12/23	6:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0112		6:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0112		7:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0112		7:30	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0112		7:45	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0112		8:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0112		9:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0112		8:40	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0112		6:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0112		7:35	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0112		8:10	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0112		8:15	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 129-20230112		8:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 1/12/23 Received by Nichelle Date 1/12/23
Firm Herrera Env't Time 9:58 Firm OSS Time 9:58
Relinquished by _____ Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 01-084

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0112	01/12/23	6:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0112		6:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0112		7:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0112		7:30	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0112		7:45	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0112		8:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0112		9:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0112		8:40	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0112		6:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0112		7:35	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0112		8:10	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0112		8:15	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 129-20230112		8:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 1/12/23 Received by [signature] Date 1/12/23
Firm Herrera Env. Time 9:58 Firm OSS Time 9:58
Relinquished by [signature] Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D. Garcia
Meter:	Pro DSS #2
Date/Time:	1/11/25 17:15
Barometric Pressure Start of Day:	mmHg: 760.9 Time: 17:15
Barometric Pressure End of Day:	mmHg: 761.2 Time: 15:05

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	3.0	0	22.4	
Conductivity (µS/cm)	994	1,000	24.4	
Conductivity (µS/cm)	97	100	24.0	
DO % Saturation	99.7	100	22.7	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.0	0	21.7	
Conductivity (µS/cm)	101	100	22.0	
DO % Saturation	103%	100	20.9	

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

HERRERA

FIELD ENVIRONMENTAL INSTRUMENTS, INC.
www.fieldenvironmental.com

301 Brushton Ave
Suite A
Pittsburgh, PA 15221
Toll Free (800) 393-4009
Local (412) 436-2600
Fax (412) 436-2616

YSI 556 MPS Calibration Certificate

Cal Standard	Lot #	Expiration	Pre-Cal Reading	Post-Cal Reading	Acceptable Range
PH 7 @ 25^C	M258-04	9/21/2024	6.94	7.00	(6.86 to 7.14)
			pH mV value	-30.2	(0 mV +/- 50mV)
Cal Standard	Lot #				Acceptable Range
PH 4 @ 25^C	8111363				(3.92 to 4.08)
					(134.8mV to 149.8mV)
Cal Standard	Lot #				Acceptable Range
PH 10 @ 25^C	M145-20				(9.80 to 10.20)
					(-195.2mV to -210.2mV)
Cal Standard	Lot #				Acceptable Range
Conductivity	M195-07				(1.338 to 1.479)
					(0.9 to 1.10)
Check Standard					ge
ORP					

Calibration Form For Rental YSI Unit from Field Environmental

mV Offset	47.00	(0 +/- 100)

	% Saturation	mg/L
Dissolved Oxygen	100.0	9.11
		Acceptable Range
Gain	0.7	(.7 to 1.4)

New DO Membrane: ○ Yes ◉ No

DO Cap Color: ○ Black ◉ Blue ○ Yellow

Model	556-4 MPS
S/N	10L101024
Barcode	U88842X
Cable	110525
Order #	506825

Calibrated By: Parker Holaday

Date of Calibration: 1/11/2023

*Solutions provided by LabChem (412-826-5230)

All calibrations performed by FEI conform to manufacturer's specifications. Please report any issues within 24 hours of receiving equipment.
All calibration solutions used are traceable to NIST. Additional documentation is available upon request.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 10:45 am PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later?** Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 47°F

Water Quality Sampling

Sample ID: TOSMI2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: none
Odor: none
Sheen: none
Floatables: none

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.9

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.9

Specific Conductivity (µs/cm) 74.2

Dissolved Oxygen (mg/L) 11.98

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 7:35 PDT: PST:

Base Flow or Storm Event? (Storm)

Field filtered 5 minutes later: Y (N)
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 47°F

Water Quality Sampling

Sample ID: SEIMN2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	none
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 7.25 in (0.60 ft)

Reference Point (description): Measure from bolt

Water Quality Measurments

Temperature (°C) 6.07

Specific Conductivity (µs/cm) 76.0

Dissolved Oxygen (mg/L) 12.33

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 8:10 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain, 47°F

Water Quality Sampling

Sample ID: COLM2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Y
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	N
PAH's	Amber Glass	500 ml	1	None	N

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 5.79

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.0

Specific Conductivity (µs/cm) 127.1

Dissolved Oxygen (mg/L) 11.81

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbins

Sample Date: 1-12-2023 **Sample Time:** 8:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: rain 47°F

Water Quality Sampling

Sample ID: MONMN2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear
Color: none
Odor:
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 9.4

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.0

Specific Conductivity (µs/cm) 123.3

Dissolved Oxygen (mg/L) 11.91

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: D. Garcia, R. Stebbing

Sample Date: 1-12-2023 **Sample Time:** 9:00 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: rain 47°F

Water Quality Sampling

Sample ID: MONMS2023-0112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	no
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: none

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2 ✓

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.7

Reference Point (description): WL indicator

Water Quality Measurments

Temperature (°C) 7.5

Specific Conductivity (µs/cm) 203.9

Dissolved Oxygen (mg/L) 9.14

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR, LENTH, T. FOLK

Sample Date: 1/12/23 **Sample Time:** 6:35 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N

(Must filter within 15 minutes of collection)

SITE ID: CUOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 46° rain

Water Quality Sampling

Sample ID: CUOMO-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	no
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 RENTED

YSI Pro DSS 2 451 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.37

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.9 C

Specific Conductivity (µs/cm) 83

Dissolved Oxygen (mg/L) 16.87

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH T. FOLK

Sample Date: 1/12/23 **Sample Time:** 6:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: CUOM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: 46° RAINING

Water Quality Sampling

Sample ID: CUOM1-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	clear
Color:	NO
Odor:	
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1 YSI 556 (rental)
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): X

Reference Point (description): BLOCKED BY CONSTRU.

Water Quality Measurments

Temperature (°C) 6.96

Specific Conductivity (µs/cm) 49

Dissolved Oxygen (mg/L) 12.11

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH, T. FOLK

Sample Date: 1-12-23 **Sample Time:** 7:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 46° RAINING

Water Quality Sampling

Sample ID: TOSMO-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: slightly turbid

Color: light brown

Odor: no

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 RENTED

YSI Pro DSS 2 451 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.7

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 7.00

Specific Conductivity (µs/cm) 76

Dissolved Oxygen (mg/L) 11.37

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH T. FOLK

Sample Date: 1-12-23 **Sample Time:** 7:30 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y / N
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 46°

Water Quality Sampling

Sample ID: TYLMO-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: slightly turbid

Color: no

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1 RENTED (451 556)

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.62

Reference Point (description): down from culvert

Water Quality Measurments

Temperature (°C) 7.00

Specific Conductivity (µs/cm) 76

Dissolved Oxygen (mg/L) 11.37

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH, T. FOIK

Sample Date: 1/12/23 **Sample Time:** 7:45 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y / N
(Must filter within 15 minutes of collection)

SITE ID: TYLM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 46°

Water Quality Sampling

Sample ID: TYLM1-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity: clear

Color: NO

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

RENTED YSI 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.42

Reference Point (description): down from top of culvert

Water Quality Measurments

Temperature (°C) 6.00

Specific Conductivity (µs/cm) 80

Dissolved Oxygen (mg/L) 17.68

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR VENTIT, T. FOLK

Sample Date: 1/12/23 **Sample Time:** 8:15 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: RAINING 4C°

Water Quality Sampling

Sample ID: SEIMS-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	brown turbid
Color:	turbid
Odor:	no
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020) RENTED

YSI Pro DSS 1

YSI Pro DSS 2

451 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.0

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.06

Specific Conductivity (µs/cm) 54

Dissolved Oxygen (mg/L) 12.63

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: M. O'CONNOR LENTH T. FOLK

Sample Date: 1/12/23 **Sample Time:** 8:40 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: 46° light rain

Water Quality Sampling

Sample ID: MONM-20230112

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	slightly turbid
Color:	light brown
Odor:	none
Sheen:	
Floatables:	

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- YSI Pro DSS 1
- YSI Pro DSS 2

RENTED YSI 556

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.05

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.41

Specific Conductivity (µs/cm) 108

Dissolved Oxygen (mg/L) 11.54

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/12/2023 /All locations, QA129 (COLM), Lab Ref No 2301-084

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	76	**±20**	4	**≤ 25**	NC	**≤ 25**	OK	NO FLAG FOR SLIGHTLY LOW LCS RECOVERY, WITHIN LAB LIMITS
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	4	**≤ 25**	2	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	107, 105	**±25**	102	**±15**	<1 MS 2	**≤ 20**	8	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	5	**≤28**	≤1.0 mg/L 1.0 mg/L	96	**±25**	96	**±15**	1	**≤ 20**	1	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	4	**≤28**	≤0.01 mg/L 0.01 mg/L	91	**±25**	89	**±20**	D=0.005	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	1, 12	**≤28**	≤0.1 mg/L 0.1 mg/L	86-111	**±25**	95-108	**±20**	NC 0-4 D=0-0.03	**≤ 20**	D=0.04 D=0.01	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/12/2023 /All locations, QA129 (COLM), Lab Ref No 2301-084

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	4	**≤180**	≤1.0 µg/L 1.0 µg/L	95, 108	**±25**	NR	**±15**	NC MS 12	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	4	**≤180**	≤5.0 µg/L 5.0 µg/L	96, 109	**±25**	NR	**±15**	NC MS 13	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 91	**±25**	NR	**±15**	NC MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	5	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 94	**±25**	NR	**±15**	3 MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	13-28	**≤ 35**	D=7	**≤ 50**	OK	FLAG COLM J DUE TO HIGH FIELD DUPLICATE DIFFERENCE
6PPD-q	OK/ MLA-118	NA	**NA**	27, 28	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	88	**±30**	SURR 45-54	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR = 88-130% CCV = 85%	NO FLAG FOR HOLDING TIME EXCEEDANCE, WITHIN LAB LIMIT OF 35 DAYS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	5, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 68-89	**19-127[3]**	63-99	**25-125[4]**	3-17 D=0-0.02	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 29, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2301-173

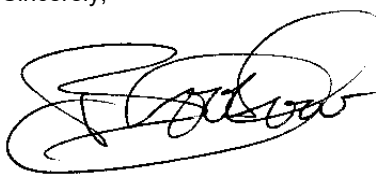
Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on January 20, 2023

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

Case Narrative

Samples were collected on January 20, 2023 and received by the laboratory on January 20, 2023. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Total Suspended Solids SM 2540D Analysis

The sample and sample duplicate RPD was outside the control limit. The Spike Blank and Spike Blank Duplicate RPD passed. Both Duplicates are reported.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Total Suspended Solids	**4.8**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Total Suspended Solids	**38**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Total Suspended Solids	**4.6**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Total Suspended Solids	**29**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Total Suspended Solids	**5.4**	1.0	SM 2540D	1-24-23	1-24-23	

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Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Total Suspended Solids	**6.2**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL SUSPENDED SOLIDS
SM 2540D
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0124W1					
Total Suspended Solids	**ND**	1.0	SM 2540D	1-24-23	1-24-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-173-03								
	ORIG	DUP							
Total Suspended Solids	**38.4**	**50.6**	NA	NA	NA	NA	27	25	
DUPLICATE									
Laboratory ID:	SB0124W1								
	ORIG	DUP							
Total Suspended Solids	**84.0**	**79.0**	NA	NA	NA	NA	6	25	
SPIKE BLANK									
Laboratory ID:	SB0124W1								
	SB		SB		SB				
Total Suspended Solids	**84.0**		100	NA	84	67-112	NA	NA	

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Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Turbidity	**1.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Turbidity	**1.0**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Turbidity	**2.3**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Turbidity	**1.0**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Turbidity	**2.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Turbidity	**1.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Turbidity	**0.71**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Turbidity	**1.7**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Turbidity	**1.4**	0.10	EPA 180.1	1-20-23	1-20-23	

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Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TURBIDITY
EPA 180.1

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Turbidity	**1.1**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Turbidity	**0.28**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Turbidity	**0.74**	0.10	EPA 180.1	1-20-23	1-20-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Turbidity	**0.88**	0.10	EPA 180.1	1-20-23	1-20-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

TURBIDITY
EPA 180.1
QUALITY CONTROL

Matrix: Water
Units: NTU

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0120W1					
Turbidity	**ND**	0.10	EPA 180.1	1-20-23	1-20-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-171-01								
	ORIG	DUP							
Turbidity	**2.49**	**2.56**	NA	NA	NA	NA	3	18	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Hardness	**88**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Hardness	**100**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Hardness	**58**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Hardness	**45**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Hardness	**53**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Hardness	**94**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Hardness	**65**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Hardness	**54**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Hardness	**19**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Hardness	**22**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Hardness	**34**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Hardness	**88**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	

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Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

HARDNESS
EPA 200.7/SM 2340B
QUALITY CONTROL

Matrix: Water
Units: mg eqt. CaCO3/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0124WH2					
Hardness	**ND**	1.0	EPA 200.7/SM 2340B	1-24-23	1-24-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-173-11										
	ORIG	DUP									
Hardness	**22.2**	**21.5**	NA		NA	NA		NA	3	20	
MATRIX SPIKES											
Laboratory ID:	01-173-11										
	MS	MSD	MS	MSD		MS	MSD				
Hardness	**158**	**158**	132	132	22.2	103	103	75-125	0	20	
SPIKE BLANK											
Laboratory ID:	SB0124WH2										
	SB		SB			SB					
Hardness	**133**		132		NA	101		85-115	NA	NA	

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Dissolved Organic Carbon	**5.2**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Dissolved Organic Carbon	**4.1**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Dissolved Organic Carbon	**4.0**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Dissolved Organic Carbon	**5.4**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Dissolved Organic Carbon	**7.9**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Dissolved Organic Carbon	**5.3**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Dissolved Organic Carbon	**7.1**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Dissolved Organic Carbon	**5.6**	1.0	SM 5310B	2-3-23	2-3-23	

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Laboratory Reference: 2301-173
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Dissolved Organic Carbon	**11**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Dissolved Organic Carbon	**11**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Dissolved Organic Carbon	**5.0**	1.0	SM 5310B	2-3-23	2-3-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Dissolved Organic Carbon	**4.7**	1.0	SM 5310B	2-3-23	2-3-23	

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Laboratory Reference: 2301-173
Project: 14-05806-000

DISSOLVED ORGANIC CARBON
SM 5310B
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0203D1					
Dissolved Organic Carbon	**ND**	1.0	SM 5310B	2-3-23	2-3-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-173-01								
	ORIG	DUP							
Dissolved Organic Carbon	**5.21**	**5.38**	NA	NA	NA	NA	3	15	
MATRIX SPIKE									
Laboratory ID:	01-173-01								
	MS		MS		MS				
Dissolved Organic Carbon	**15.0**		10.0	5.21	98	87-118	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0203D1								
	SB		SB		SB				
Dissolved Organic Carbon	**9.64**		10.0	NA	96	88-118	NA	NA	

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Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Total Phosphorus	**0.022**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Total Phosphorus	**0.048**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Total Phosphorus	**0.052**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Total Phosphorus	**0.015**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Total Phosphorus	**0.016**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Total Phosphorus	**0.063**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Total Phosphorus	**0.019**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Total Phosphorus	**0.030**	0.010	EPA 365.1	1-23-23	1-23-23	

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Laboratory Reference: 2301-173
Project: 14-05806-000

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Total Phosphorus	**0.016**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Total Phosphorus	**0.015**	0.010	EPA 365.1	1-23-23	1-23-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Total Phosphorus	**0.023**	0.010	EPA 365.1	1-23-23	1-23-23	

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TOTAL PHOSPHORUS
EPA 365.1
QUALITY CONTROL

Matrix: Water
Units: mg/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0123W3					
Total Phosphorus	**ND**	0.010	EPA 365.1	1-23-23	1-23-23	

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	01-173-01								
	ORIG	DUP							
Total Phosphorus	**0.0219**	**0.0212**	NA	NA	NA	NA	3	20	
MATRIX SPIKE									
Laboratory ID:	01-173-01								
	MS		MS		MS				
Total Phosphorus	**0.246**		0.250	0.0219	90	82-111	NA	NA	
SPIKE BLANK									
Laboratory ID:	SB0123W3								
	SB		SB		SB				
Total Phosphorus	**0.217**		0.250	NA	87	78-110	NA	NA	

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Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Copper	**1.3**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**20**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Copper	**1.4**	1.0	EPA 200.8	1-28-23	2-1-23	
Zinc	**21**	5.0	EPA 200.8	1-28-23	2-1-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Copper	**2.0**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**30**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Copper	**2.1**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**9.2**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Copper	**2.3**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**8.0**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Copper	**1.3**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**8.8**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Copper	**1.6**	1.0	EPA 200.8	1-28-23	2-1-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-1-23	

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Project: 14-05806-000

TOTAL METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Copper	**1.4**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**18**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Copper	**2.4**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**44**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Copper	**1.1**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Copper	**ND**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Copper	**ND**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-2-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Copper	**1.2**	1.0	EPA 200.8	1-28-23	2-2-23	
Zinc	**20**	5.0	EPA 200.8	1-28-23	2-2-23	

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TOTAL METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0128WH2					
Copper	**ND**	1.0	EPA 200.8	1-28-23	2-1-23	
Zinc	**ND**	5.0	EPA 200.8	1-28-23	2-1-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-173-07										
	ORIG	DUP									
Copper	**1.56**	**1.58**	NA	NA		NA		NA	2	20	
Zinc	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	01-173-07										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**106**	**99.0**	100	100	1.56	**104**	**97**	75-125	7	20	
Zinc	**110**	**102**	100	100	ND	**110**	**102**	75-125	7	20	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Copper	**1.2**	1.0	EPA 200.8		2-2-23	
Zinc	**14**	5.0	EPA 200.8		2-2-23	
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**14**	5.0	EPA 200.8		2-2-23	
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Copper	**1.1**	1.0	EPA 200.8		2-2-23	
Zinc	**12**	5.0	EPA 200.8		2-2-23	
Client ID:	**TYLMO-20230120**					
Laboratory ID:	01-173-04					
Copper	**1.8**	1.0	EPA 200.8		2-2-23	
Zinc	**9.3**	5.0	EPA 200.8		2-2-23	
Client ID:	**TYLMI-20230120**					
Laboratory ID:	01-173-05					
Copper	**2.0**	1.0	EPA 200.8		2-2-23	
Zinc	**6.6**	5.0	EPA 200.8		2-2-23	
Client ID:	**MONMN-20230120**					
Laboratory ID:	01-173-06					
Copper	**1.3**	1.0	EPA 200.8		2-2-23	
Zinc	**6.9**	5.0	EPA 200.8		2-2-23	
Client ID:	**MONMS-20230120**					
Laboratory ID:	01-173-07					
Copper	**1.2**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	

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DISSOLVED METALS
EPA 200.8

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MONM-20230120**					
Laboratory ID:	01-173-08					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**11**	5.0	EPA 200.8		2-2-23	
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Copper	**1.3**	1.0	EPA 200.8		2-2-23	
Zinc	**20**	5.0	EPA 200.8		2-2-23	
Client ID:	**SEIMN-20230120**					
Laboratory ID:	01-173-10					
Copper	**1.0**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	
Client ID:	**COLM-20230120**					
Laboratory ID:	01-173-11					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	
Client ID:	**SEIMS-20230120**					
Laboratory ID:	01-173-12					
Copper	**ND**	1.0	EPA 200.8		2-2-23	
Zinc	**ND**	5.0	EPA 200.8		2-2-23	
Client ID:	**QA130-20230120**					
Laboratory ID:	01-173-13					
Copper	**1.1**	1.0	EPA 200.8		2-2-23	
Zinc	**15**	5.0	EPA 200.8		2-2-23	

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DISSOLVED METALS
EPA 200.8
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0125F1					
Copper	**ND**	1.0	EPA 200.8	1-25-23	2-2-23	
Zinc	**ND**	5.0	EPA 200.8	1-25-23	2-2-23	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	01-215-01										
	ORIG	DUP									
Copper	**7.16**	**7.22**	NA	NA		NA		NA	1	20	
Zinc	**51.4**	**53.6**	NA	NA		NA		NA	4	20	
MATRIX SPIKES											
Laboratory ID:	01-215-01										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**80.4**	**78.8**	80.0	80.0	7.16	**92**	**90**	75-125	2	20	
Zinc	**130**	**129**	80.0	80.0	51.4	**98**	**97**	75-125	0	20	

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMO-20230120**					
Laboratory ID:	01-173-01					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*53*	*20 - 106*				
Pyrene-d10	*71*	*19 - 104*				
Terphenyl-d14	*71*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**COUMI-20230120**					
Laboratory ID:	01-173-02					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*71*	*20 - 106*				
Pyrene-d10	*88*	*19 - 104*				
Terphenyl-d14	*86*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMO-20230120**					
Laboratory ID:	01-173-03					
Naphthalene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.0097	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*73*	*20 - 106*				
Pyrene-d10	*88*	*19 - 104*				
Terphenyl-d14	*86*	*41 - 127*				

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PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**TOSMI-20230120**					
Laboratory ID:	01-173-09					
Naphthalene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*70*	*20 - 106*				
Pyrene-d10	*85*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody,
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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**QA130B-20230120**					
Laboratory ID:	01-173-14					
Naphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**0.012**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**0.014**	0.0099	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*74*	*20 - 106*				
Pyrene-d10	*89*	*19 - 104*				
Terphenyl-d14	*89*	*41 - 127*				

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0124W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluorene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Anthracene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Pyrene	**ND**	0.10	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Chrysene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	1-24-23	1-25-23	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*58*	*20 - 106*				
Pyrene-d10	*84*	*19 - 104*				
Terphenyl-d14	*82*	*41 - 127*				

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Date of Report: March 29, 2023
Samples Submitted: January 20, 2023
Laboratory Reference: 2301-173
Project: 14-05806-000

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0124W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.325**	**0.264**	0.500	0.500	65	53	25 - 82	21	39	
Acenaphthylene	**0.372**	**0.312**	0.500	0.500	74	62	35 - 107	18	26	
Acenaphthene	**0.378**	**0.311**	0.500	0.500	76	62	33 - 99	19	26	
Fluorene	**0.396**	**0.332**	0.500	0.500	79	66	43 - 95	18	24	
Phenanthrene	**0.404**	**0.341**	0.500	0.500	81	68	49 - 100	17	20	
Anthracene	**0.387**	**0.332**	0.500	0.500	77	66	47 - 101	15	21	
Fluoranthene	**0.416**	**0.372**	0.500	0.500	83	74	51 - 115	11	23	
Pyrene	**0.406**	**0.365**	0.500	0.500	81	73	53 - 117	11	24	
Benzo[a]anthracene	**0.368**	**0.343**	0.500	0.500	74	69	57 - 114	7	21	
Chrysene	**0.421**	**0.385**	0.500	0.500	84	77	55 - 119	9	21	
Benzo[b]fluoranthene	**0.398**	**0.369**	0.500	0.500	80	74	56 - 125	8	26	
Benzo(j,k)fluoranthene	**0.428**	**0.395**	0.500	0.500	86	79	53 - 124	8	22	
Benzo[a]pyrene	**0.383**	**0.351**	0.500	0.500	77	70	54 - 119	9	22	
Indeno(1,2,3-c,d)pyrene	**0.427**	**0.390**	0.500	0.500	85	78	55 - 118	9	23	
Dibenz[a,h]anthracene	**0.426**	**0.395**	0.500	0.500	85	79	56 - 118	8	23	
Benzo[g,h,i]perylene	**0.407**	**0.376**	0.500	0.500	81	75	55 - 117	8	22	
Surrogate:										
2-Fluorobiphenyl					*60*	*55*	*20 - 106*			
Pyrene-d10					*80*	*76*	*19 - 104*			
Terphenyl-d14					*77*	*73*	*41 - 127*			

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OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Am Test Inc.
13600 NE 126TH PL
Suite C
Kirkland, WA 98034
(425) 885-1664

Professional Analytical Services

Feb 16 2023
On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Dear David Baumeister:

Enclosed please find the analytical data for your REDMOND PAIRED WATERSHED STUDY project.

The following is a cross correlation of client and laboratory identifications for your convenience.

CLIENT ID	MATRIX	AMTEST ID	TEST
COUMO-20220120	Water	23-A001180	Micro, NUT
COUMI-20220120	Water	23-A001181	Micro, NUT
TOSMO-20220120	Water	23-A001182	Micro, NUT
TYLMO-20220120	Water	23-A001183	Micro, NUT
TYLMI-20220120	Water	23-A001184	Micro, NUT
MONMN-20220120	Water	23-A001185	Micro, NUT
MONMS-20220120	Water	23-A001186	Micro, NUT
MONM-20220120	Water	23-A001187	Micro, NUT
TOSMI-20220120	Water	23-A001188	Micro, NUT
SEIMS-20220120	Water	23-A001189	Micro, NUT
COLM-20220120	Water	23-A001190	Micro, NUT
SEIMN-20220120	Water	23-A001191	Micro, NUT
QA130-20220120	Water	23-A001192	Micro, NUT

Your samples were received on Friday, January 20, 2023. At the time of receipt, the samples were logged in and properly maintained prior to the subsequent analysis.

The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA or the Army Corps of Engineers.

Following the analytical data you will find the Quality Control (QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

Aaron W. Young
Vice President

Project #: 14-05806-000
SDG #: 2327900
PO Number: 01-173

BACT = Bacteriological
CONV = Conventionals
MET = Metals
ORG = Organics
NUT=Nutrients
DEM=Demand
MIN=Minerals

Am Test Inc.
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Suite C
Kirkland, WA 98034
(425) 885-1664
www.amtestlab.com

Professional Analytical Services

ANALYSIS REPORT

On-Site Environmental
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: REDMOND PAIRED WATERSHED STUDY
SDG Number: 2327900
Project #: 14-05806-000
PO Number: 01-173
All results reported on an as received basis.

Date Received: 01/20/23
Date Reported: 2/16/23

AMTEST Identification Number **23-A001180**
Client Identification **COUMO-20220120**
Sampling Date **01/20/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	110	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.81	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.400	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.412	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001181**
Client Identification **COUMI-20220120**
Sampling Date **01/20/23, 08:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	12.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.65	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.334	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.319	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001182**
Client Identification **TOSMO-20220120**
Sampling Date **01/20/23, 09:40**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	47.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.85	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.387	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.464	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001183**
Client Identification **TYLMO-20220120**
Sampling Date **01/20/23, 10:10**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	19.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.77	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.372	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.402	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001184**
Client Identification **TYLMI-20220120**
Sampling Date **01/20/23, 10:30**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	7.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.486	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.271	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001185**
Client Identification **MONMN-20220120**
Sampling Date **01/20/23, 10:50**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.67	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.374	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.297	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001186**
Client Identification **MONMS-20220120**
Sampling Date **01/20/23, 11:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	1.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.98	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.540	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.444	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001187**
Client Identification **MONM-20220120**
Sampling Date **01/20/23, 11:35**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	5.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.76	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.422	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.336	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001188**
Client Identification **TOSMI-20220120**
Sampling Date **01/20/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	65.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.93	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.357	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.573	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001189**
Client Identification **SEIMS-20220120**
Sampling Date **01/20/23, 09:20**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	29.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.69	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.429	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.261	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001190**
Client Identification **COLM-20220120**
Sampling Date **01/20/23, 10:00**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	8.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.50	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.466	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.032	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001191**
Client Identification **SEIMN-20220120**
Sampling Date **01/20/23, 11:05**

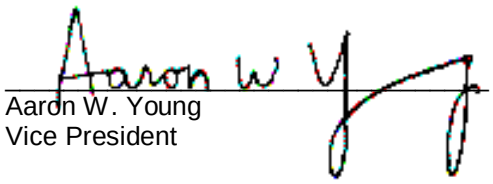
Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	2.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.73	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.584	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.142	mg/l		0.02	SM4500NO3	MD	01/30/23

AMTEST Identification Number **23-A001192**
Client Identification **QA130-20220120**
Sampling Date **01/20/23, 08:05**

Results

PARAMETER	RESULT	UNITS	Q	D.L.	METHOD	ANALYST	DATE
Fecal Coliform	70.	CFU/100 ml		1	SM 9222D	JM	01/20/23
Total Nitrogen (NOX&TKN)	0.88	mg/l		0.1	CALCULATED		
Total Nitrogen (TKN)	0.434	mg/l		0.3	SM4500N	MD	02/03/23
Total Nitrate + Nitrite	0.442	mg/l		0.02	SM4500NO3	MD	01/30/23



Aaron W. Young
Vice President

Am Test Inc.
13600 NE 126th PL
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Professional Analytical Services

QC Summary for sample numbers: 23-A001180 to 23-A001192

DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	DUP VALUE	RPD
23-A001131	Fecal Coliform	CFU/100 ml	< 1	< 1	
23-A001180	Fecal Coliform	CFU/100 ml	110	120	8.7
23-A001182	Total Nitrogen (TKN)	mg/l	0.387	0.400	3.3
23-A001242	Total Nitrogen (TKN)	mg/l	15.7	16.2	3.1
23-A001295	Total Nitrogen (TKN)	mg/l	46.8	46.3	1.1
23-A001455	Total Nitrogen (TKN)	mg/l	0.749	0.796	6.1
23-A001501	Total Nitrogen (TKN)	mg/l	6.65	6.74	1.3
23-A001518	Total Nitrogen (TKN)	mg/l	40.0	39.9	0.25
23-A001528	Total Nitrogen (TKN)	mg/l	45.1	45.6	1.1
23-A001112	Total Nitrate + Nitrite	mg/l	0.470	0.470	0.00
23-A001181	Total Nitrate + Nitrite	mg/l	0.319	0.326	2.2
23-A001191	Total Nitrate + Nitrite	mg/l	0.142	0.140	1.4
23-A001384	Total Nitrate + Nitrite	mg/l	0.803	0.800	0.37
23-A001455	Total Nitrate + Nitrite	mg/l	< 0.02	< 0.02	

MATRIX SPIKES

SAMPLE #	ANALYTE	UNITS	SAMPLE VALUE	SMPL+ SPK	SPK AMT	RECOVERY
23-A001182	Total Nitrogen (TKN)	mg/l	0.387	2.60	2.00	110.65 %
23-A001192	Total Nitrogen (TKN)	mg/l	0.434	2.53	2.00	104.80 %
23-A001192	Total Nitrogen (TKN)	mg/l	0.434	2.76	2.00	116.30 %
23-A001242	Total Nitrogen (TKN)	mg/l	15.7	67.3	50.0	103.20 %
23-A001295	Total Nitrogen (TKN)	mg/l	46.8	92.5	50.0	91.40 %
23-A001455	Total Nitrogen (TKN)	mg/l	0.749	6.51	5.00	115.22 %
23-A001518	Total Nitrogen (TKN)	mg/l	40.0	95.9	50.0	111.80 %
23-A001528	Total Nitrogen (TKN)	mg/l	45.1	100.	50.0	109.80 %
23-A001112	Total Nitrate + Nitrite	mg/l	0.470	1.38	1.00	91.00 %
23-A001181	Total Nitrate + Nitrite	mg/l	0.319	1.27	1.00	95.10 %
23-A001191	Total Nitrate + Nitrite	mg/l	0.142	1.12	1.00	97.80 %
23-A001384	Total Nitrate + Nitrite	mg/l	0.803	1.77	1.00	96.70 %
23-A001455	Total Nitrate + Nitrite	mg/l	< 0.02	0.905	1.00	90.50 %

QC Summary for sample numbers: 23-A001180 to 23-A001192...

MATRIX SPIKE DUPLICATES

SAMPLE #	ANALYTE	UNITS	SAMPLE + SPK	MSD VALUE	RPD
Spike	Total Nitrogen (TKN)	mg/l	2.53	2.76	8.7

STANDARD REFERENCE MATERIALS

ANALYTE	UNITS	TRUE VALUE	MEASURED VALUE	RECOVERY
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	1.11	111. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.10	110. %
Total Nitrogen (TKN)	mg/l	1.00	1.11	111. %
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrogen (TKN)	mg/l	1.00	1.08	108. %
Total Nitrate + Nitrite	mg/l	1.00	0.962	96.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.962	96.2 %
Total Nitrate + Nitrite	mg/l	1.00	0.964	96.4 %
Total Nitrate + Nitrite	mg/l	1.00	1.01	101. %

BLANKS

ANALYTE	UNITS	RESULT
Fecal Coliform	CFU/100 ml	< 1
Fecal Coliform	CFU/100 ml	< 1
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrogen (TKN)	mg/l	< 0.3
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02
Total Nitrate + Nitrite	mg/l	< 0.02

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-173

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification		Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
1	COUMO-20220120	1180	1/20/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
2	COUMI-20220120	1181	1/20/23	8:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
3	TOSMO-20220120	1182	1/20/23	9:40	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
4	TYLMO-20220120	1183	1/20/23	10:10	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
5	TYLMI-20220120	1184	1/20/23	10:30	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
6	MONMN-20220120	1185	1/20/23	10:50	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
7	MONMS-20220120	1186	1/20/23	11:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
8	MONM-20220120	1187	1/20/23	11:35	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
9	TOSMI-20220120	1188	1/20/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
10	SEIMS-20220120	1189	1/20/23	9:20	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/20/23	2:15 pm	
Received by: KL	AmTest	1/20/23	14:15	**EDDs - CSV**
Relinquished by:				**Reporting Limits:**
Received by:				**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:				**Total Nitrogen - .10 mg/L**
Received by:				

T=6.5°C

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 11-296

Laboratory: AmTest Laboratories

Attention: Aaron Young

13600 NE 126th Pl Kirkland, WA 98034

Phone Number: (425) 885-1664

Turnaround Request

1 Day 2 Day 3 Day

Standard

Other: _____

Project Manager: Blair Goodrow

email: bgoodrow@onsite-env.com

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
11	COLM-20220120 1190	1/20/23	10:00	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
12	SEIMN-20220120 1191	1/20/23	11:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N
13	QA130-20230120 1192	1/20/23	8:05	Water	2	Fecal Coliform SM 9222D, Total Nitrogen SM 4500-N

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:		OSE	1/20/23	2:15 pm	
Received by:	KL	AmTest	1/20/23	14:15	**EDDs - CSV**
Relinquished by:					**Reporting Limits:**
Received by:					**Fecal Coliform - 1.0 cfu/100ml**
Relinquished by:					**Total Nitrogen - .10 mg/L**
Received by:					

6.5°C

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84161	***Date:*** 28-Mar-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38809-1	COUMO-20230120
L38809-2	COUMI-20230120
L38809-3	TOSMO-20230120
L38809-4	TOSMI-20230120
L38809-5	QA130B-20230120

Blank: WG84161-101

Reference or Spike: WG84161-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank (SGS AXYS ID: WG84161-101) was below the method nominal limit and was flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for a labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 01-173

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other: _____

Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230120 L38809-1	1/20/23	8:05	W	2	6PPD-q
	COUMI-20230120 -2	1/20/23	8:35	W	2	6PPD-q
	TOSMO-20230120 -3	1/20/23	9:40	W	2	6PPD-q
	TOSMI-20230120 -4	1/20/23	8:05	W	2	6PPD-q
	QA130B-20230120 -5	1/20/23	8:05	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	1/31/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: (14)	SGS - AXYS	03-Feb-23	12:00	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-1
Matrix:	AQUEOUS	**Sample Size:**	0.492 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:20:38	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 35**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		2.07	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-1_Form1A_AO3O_060S35_SJ3217479.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38809-1
Sample Receipt Date:	03-Feb-2023	**Sample Size:**	0.492 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 16:20:38	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 35**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.1	67.3	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230120
Sample Collection:
20-Jan-2023 08:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-2
Matrix:	AQUEOUS	**Sample Size:**	0.424 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:35:54	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		0.569	0.118 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-2_Form1A_AO3O_060S36_SJ3217480.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230120
Sample Collection:
20-Jan-2023 08:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-2
Matrix:	AQUEOUS	**Sample Size:**	0.424 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:35:54	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 36**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	29.5	60.0	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-2_Form2_AO3O_060S36_SJ3217480.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230120
Sample Collection:
20-Jan-2023 09:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-3
Matrix:	AQUEOUS	**Sample Size:**	0.469 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:51:09	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 37**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.34	0.107 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-3_Form1A_AO3O_060S37_SJ3217481.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230120
Sample Collection:
20-Jan-2023 09:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-3
Matrix:	AQUEOUS	**Sample Size:**	0.469 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 16:51:09	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 37**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.0	69.1	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-3_Form2_AO3O_060S37_SJ3217481.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-4
Matrix:	AQUEOUS	**Sample Size:**	0.381 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 17:06:24	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 38**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.49	0.131 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38809-4_Form1A_AO3O_060S38_SJ3217482.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38809-4
Sample Receipt Date:	03-Feb-2023	**Sample Size:**	0.381 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 17:06:24	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 38**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.6	70.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-4_Form2_AO3O_060S38_SJ3217482.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA130B-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38809-5
Matrix:	AQUEOUS	**Sample Size:**	0.449 L
Sample Receipt Date:	03-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 17:21:38	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_060 S: 39**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		4.85	0.111 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-5_Form1A_AO3O_060S39_SJ3217483.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA130B-20230120
Sample Collection:
20-Jan-2023 08:05

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38809-5
Sample Receipt Date:	03-Feb-2023	**Sample Size:**	0.449 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 17:21:38	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 39**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.0	67.2	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_L38809-5_Form2_AO3O_060S39_SJ3217483.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND H		0.647 (S)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form1A_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84161-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	08-Mar-2023 **Time:** 13:48:08	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_060 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_060 S: 25
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	1.43	2.91	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-101_Form2_AO3O_060S25_SJ3217468.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.41	88.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8A_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84161-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Feb-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	08-Mar-2023 **Time:** 13:17:21	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_060 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_060 S: 25
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_060 S: 21

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	36.0	73.2	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: LC_AO_LC_AO118_POS_WG84161-102_Form8B_SJ3217465.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS101959.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:25	5.00	4.26	85.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4A_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_060 S: 21
Instrument ID:	LC MS/MS	**Analysis Date:**	08-Mar-2023
LC Column ID:	C18	**Analysis Time:**	12:46:55

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	49.1	99.9

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 28-Mar-2023 13:54:39; Application: XMLTransformer-1.18.41; Report Filename: GENERIC-SPECS_AO_LC_AO3O_060S21__Form4B_SJ3217463.html; Workgroup: WG84161; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																						Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																			
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																										Y									
OC Pesticides		EPA 625	MLA-007																										Y									
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081	MLA-007						Y																													
OC Pesticides	"Pesticides" category (CA only)	EPA 8270	MLA-007						Y																													
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y								
OC Pesticides		EPA 8270	MLA-007							Y						Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Beta-HCH	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Chlordane, technical	EPA 8270	MLA-007							Y	Y			Y	Y														Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																			Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																										Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y													Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	cis-Nonachlor	EPA 8270	MLA-007							Y						Y													Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Delta-HCH	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Dieldrin	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endosulphan I	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endosulphan II	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endrin	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y				Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y					Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y		Y		Y					Y						Y	Y	
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y									Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																									Y	Y				Y				
OC Pesticides		EPA 8270	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		
OC Pesticides		EPA 8081	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270	MLA-007																																		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270	MLA-021						Y																												
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																		
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y							Y																		
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids													Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Fluorene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Naphthalene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033				Y												Y						Y														
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																			
PCB Aroclors	"PCBs" category (CA only)	EPA 8270	MLA-007						Y																													
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																					Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y									Y						Y						Y							
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270	MLA-007													Y																						
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																					Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007						Y	Y									Y						Y						Y							
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																							

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				Serum	Solids													Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270	MLA-007						Y	Y				Y	Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7/9	EPA 8270	MLA-007																																					
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 70/76	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74/61	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y										

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8/5	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83/108	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85/120	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 88/121	EPA 8270	MLA-007																																				
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																				Y					

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora												Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																				
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y											Y										
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y											Y										
PCB congeners	Total Dichlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y						Y														
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y						Y		Y														Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y		Y														Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																					
PCDDF		EPA 8290	MLA-017																																					
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y						Y	Y			
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y			Y	Y			Y			Y						Y					
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y					Y					Y									
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y		Y	Y				Y							Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y							Y	
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																			
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y					Y			Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y				Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110		Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y			Y				Y	Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y		
PFAS		Draft EPA 1633	MLA-110			Y											Y										Y									Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y			Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y			Y		Y	Y	Y	Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		Draft EPA 1633	MLA-110									Y										Y																
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y			Y		Y	Y		Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y											Y		Y				
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y																		
PFAS		DoD QSM Version 5.3	MLA-110						Y																				Y									
PFAS		DoD QSM Version 5.4	MLA-110						Y																				Y									

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file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		Draft EPA 1633										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y			Y					Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y			Y					Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y			Y			Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y			Y			Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																				Y				Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y	Y		Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y
PFAS		Draft EPA 1633	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y					Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																					Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																					Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																					Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 68

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants
Project No.: 14-05806-000
Project Name: Redmond Paired Watershed Study
Project Manager: John Lenth

Turnaround Requested:
_____ 1 Day
_____ 2 Day
_____ 3 Day
__X__ Standard

Laboratory No. 01-173

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0120	1/20/23	8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0120		8:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0120		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0120		10:10	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0120		10:30	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0120		10:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0120		11:20	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0120		11:35	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0120		8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0120		9:10	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0120		10:00	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0120		11:05	Water	7	X	X	X	X	X	X	X	X	X		
13	QA130-20230120		8:05	Water	7	X	X	X	X	X	X	X	X	X		
14	QA130B-20230120		[illegible]	" "	4										X	X

Relinquished by David Garcia Date 1/20/23 Received by [signature] Date 1/20/23
Firm Herrera Time 12:05 Firm OSE Time 1211
Relinquished by [signature] Date _____ Received by _____ Date _____
Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 01-173

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2022 0120	1/20/23	8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2022 0120		8:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2022 0120		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2022 0120		10:10	Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2022 0120		10:30	Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2022 0120		10:50	Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2022 0120		11:20	Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2022 0120		11:35	Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2022 0120		8:05	Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2022 0120		9:20	Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2022 0120		10:00	Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2022 0120		11:05	Water	7	X	X	X	X	X	X	X	X	X		
	QA130-20230120		8:05	Water	7	X	X	X	X	X	X	X	X	X		
	QA130B-20230120		[illegible]	" "	4										X	X

Relinquished by David Garcia Date 1/20/23 Received by [signature] 8:05 Date 1/20/23

Firm Herrera Time 12:05 Firm OSE Time 1211

Relinquished by [signature] Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D Garcia
Meter:	For DSI #1
Date/Time:	1/19/23 17:00
Barometric Pressure Start of Day:	mmHg: 778.1 Time: 17:00
Barometric Pressure End of Day:	mmHg: 779.2 Time: 11:58

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	2.0	0	21.7	
Conductivity (µS/cm)	1003.2	1,000	22.0	
Conductivity (µS/cm)	104	100	22.1	
DO % Saturation	102	100	22.1	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)		0		
Conductivity (µS/cm)		100		
DO % Saturation		100		

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

METER CALIBRATION LOG - Redmond Paired Watershed Study

Project Number:	14-05806-000
Personnel Performing Calibration:	D Gregg
Meter:	Pro DSS # 2
Date/Time:	1/19/23 17:05
Barometric Pressure Start of Day:	mmHg: 775.7 Time: 17:05
Barometric Pressure End of Day:	mmHg: 779.4 Time: 11:38

PRE Field Run CALIBRATION	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)	1.5	0	21.4	
Conductivity (µS/cm)	997	1,000	21.9	
Conductivity (µS/cm)	102.4	100	21.9	
DO % Saturation	99.9	100	21.8	

POST Field Run CHECK	Meter Reading	Buffer / Cal Std	Temp °C	Comments
Conductivity (µS/cm)		0		
Conductivity (µS/cm)		100		
DO % Saturation		100		

Calibration Procedures:

Rinse Multimeter Sonde Between Each Operation

Rinse 3 times with tap water, 3 times with deionized water, then 3 times with the solution to be used for calibrating or testing.

Conductivity Calibration Notes:

1. Dry the conductivity probe with a lab tissue (e.g., KimWipes®) and DI water.
2. Fill calibration cup to within a centimeter of the top of the calibration cup with DI water (0 µS).
3. Fill the calibration cup with 1,000 µS standard so that the temperature/conductivity probe is submerged.
4. Make sure there are no bubbles in the cell; wait 2 minutes.
5. Enter the appropriate standard value (1,000 µS/cm or 1.0 mS/cm) for Sp Cond.
6. Check conductivity using 100 µS/cm standard.

Dissolved Oxygen Calibration Notes:

1. Fill the calibration cup with about 1/2 inch of DI; it should be below the sensor cap.
2. Use KimWipes® to dry any droplets from the sensor cap.
3. Invert calibration cup's cap and gently rest it on the cup.
4. Wait 5 minutes, making sure that temperature stabilizes.
5. Determine local barometric pressure (mm Hg) and enter this value into the meter.
6. Click "Calibrate". "Calibrate Successful" will be displayed.
7. To retain calibration accuracy between measurements, store with the sensor immersed in water or within a water-saturated air environment such as a sealed storage cup with at least 10 ml of water.
8. It is important to have the water-saturated air and the sensor at the same temperature. Therefore, store a jar of DI in the same environment as the sonde and calibrate in a similar air temperature as the water and sonde.
9. Keep probe out of direct sun or wind.

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 8:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: EVO- CUOMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Partly cloudy ; 34 F

Water Quality Sampling

Sample ID: CUOMO-2023 0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	Yes
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID: QA-130-2023 0120

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 1.41

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.5

Specific Conductivity (µs/cm) 216.0

Dissolved Oxygen (mg/L) 12.73

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 8:35 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: CUOM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Partly cloudy & 36°F

Water Quality Sampling

Sample ID: CUOM1

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	NO
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): Not accessible

Reference Point (description):

Water Quality Measurments

Temperature (°C) 5.2 °C

Specific Conductivity (µs/cm) 218.2

Dissolved Oxygen (mg/L) 13.0

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 9:40 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear ; 40

Water Quality Sampling

Sample ID: TOSMO

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.58

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.9 °C

Specific Conductivity (µs/cm) 225.6

Dissolved Oxygen (mg/L) 13.27

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 10:10 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N PST:
(Must filter within 15 minutes of collection)

SITE ID: TYLMO

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Clear Sunny; 40°F

Water Quality Sampling

Sample ID: TYLMO

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 2.85

Reference Point (description): Culvert

Water Quality Measurments

Temperature (°C) 4.3

Specific Conductivity (µs/cm) 147.9

Dissolved Oxygen (mg/L) 13.36

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG GP

Sample Date: 1/20/23 **Sample Time:** 10:30 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y (N)
(Must filter within 15 minutes of collection)

SITE ID: TYLMI

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear ; 40

Water Quality Sampling

Sample ID: TYLMI

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:
Filter blank sample ID:
Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:
Color:
Odor:
Sheen:
Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- X YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 4.4

Reference Point (description): Culvert

Water Quality Measurments

Temperature (°C) 4.0 °C

Specific Conductivity (µs/cm) 126.5

Dissolved Oxygen (mg/L) 12.78

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 11:05 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: SEIMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear & 40°F

Water Quality Sampling

Sample ID: SEIMS

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

X YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): could not locate SG

Reference Point (description):

Water Quality Measurments

Temperature (°C) 4.4 °C

Specific Conductivity (µs/cm) ~~XX~~ 86.3

Dissolved Oxygen (mg/L) 12.93

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: DG & YP

Sample Date: 1/20/23 **Sample Time:** 11:35 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** (Y) N
(Must filter within 15 minutes of collection)

SITE ID: MONM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: clear & 49 F

Water Quality Sampling

Sample ID: MONM

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	No
DOC *	HDPE	250 ml	1	HCL	↓
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	↓
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	↓
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	↓
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	↓
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	↓

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

- YSI Pro Plus (15D100020)
- X YSI Pro DSS 1
- YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): N/A

Reference Point (description):

Water Quality Measurments

Temperature (°C) 5.1

Specific Conductivity (µs/cm) 180.7

Dissolved Oxygen (mg/L) 13.21

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: KZ. CS

Sample Date: 01/20/23 **Sample Time:** 8:05 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: (Y) N
(Must filter within 15 minutes of collection)

SITE ID: TOSM1

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Cloudy

Water Quality Sampling

Sample ID: TOSM1-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	Y
PAH's	Amber Glass	500 ml	1	None	Y

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.17

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 6.3°C

Specific Conductivity (µs/cm) 234.5 ms/cm

Dissolved Oxygen (mg/L) 12.65 mg/L

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/2023 **Sample Time:** 9:20 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later: Y N
(Must filter within 15 minutes of collection)

SITE ID: SEIMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly sunny, 40°

Water Quality Sampling

Sample ID: SEIMN-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Yellowish
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.56

Reference Point (description): SG1

Water Quality Measurments

Temperature (°C) 5.2

Specific Conductivity (µs/cm) 65.9

Dissolved Oxygen (mg/L) 13.22

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/23 **Sample Time:** 10:00 PDT: PST:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N
(Must filter within 15 minutes of collection)

SITE ID: COLM

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Partly Sunny, 40°

Water Quality Sampling

Sample ID: COLM-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.85

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 4.5

Specific Conductivity (µs/cm) 127.9

Dissolved Oxygen (mg/L) 12.63

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/2023 **Sample Time:** 10:50 PDT: PST:

Base Flow or Storm Event?

Field filtered 5 minutes later? Y N
(Must filter within 15 minutes of collection)

SITE ID: MONMN

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

Current Weather and Temp: Sunny, 42°

Water Quality Sampling

Sample ID: MONMN-2023-0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:	
Filter blank sample ID:	
Transfer blank sample ID:	

Visual and Olfactory Conditions:

Clarity:	Clear
Color:	Colorless
Odor:	N/A
Sheen:	N/A
Floatables:	N/A

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

YSI Pro DSS 1

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 0.33

Reference Point (description): SG

Water Quality Measurments

Temperature (°C) 5.9

Specific Conductivity (µs/cm) 158.2

Dissolved Oxygen (mg/L) 12.64

FIELD SAMPLING SHEET - Redmond Paired Watershed Study

Field Personnel: XZ, CS

Sample Date: 01/20/23 **Sample Time:** 11:20 PDT:

Base Flow or Storm Event? **Field filtered 5 minutes later:** Y N PST:
(Must filter within 15 minutes of collection)

SITE ID: MONMS

Project Number: 14-05806-000

Project Name: Redmond Paired Watershed Study

HERRERA

Current Weather and Temp: Sunny

Water Quality Sampling

Sample ID: MONMS - 2023 - 0120

Parameter	Bottle Type	Bottle Volume	# Bottles	Preservative	Duplicated?
TSS and Turbidity	HDPE	1L	1	NA	N
DOC *	HDPE	250 ml	1	HCL	
Fecal Col. Bact.	HDPE	250 ml	1	EDTA	
T. Phosphorous	HDPE	250 ml	1	H_2SO_4	
T. Nitrogen	HDPE	250 ml	1	H_2SO_4	
Diss. Cu and Zn *	HDPE	250 ml	1	HNO3	
Hardness, Total Cu and Zn	HDPE	500 ml	1	HNO_3	
6PPD-q	Amber Glass	500mL	1	Ascorbic Acid	
PAH's	Amber Glass	500 ml	1	None	

* - field filtered with Nalgene 250 ml SFCA 0.45 µm filter and vacuum hand pump

Duplicate sample ID:

Filter blank sample ID:

Transfer blank sample ID:

Visual and Olfactory Conditions:

Clarity:

Color:

Odor:

Sheen:

Floatables:

LABORATORY DELIVERY

Date: **Time:**

Quality Assurance

Checked By: **Signature:**

Date Checked: **Time:**

Data Entered into Database? YES NO **initials:**

Date Entered: **Time:**

Notes:

Field Meter Calibration

Check which field meter was used and complete the meter calibration form

YSI Pro Plus (15D100020)

~~YSI Pro DSS 1~~

YSI Pro DSS 2

Stream Stage Measurement

Indicate reference point for measurement (to nearest 100th of a foot)

Stream Stage (ft): 6.72

Reference Point (description): water level indicator

Water Quality Measurments

Temperature (°C) 5.7

Specific Conductivity (µs/cm) 254.6

Dissolved Oxygen (mg/L) 10.14

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/20/2023 /All locations, QA130 (COUMO) Lab Ref No 2301-173

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	4	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	84	**±20**	27, 6	**≤ 25**	NC	**≤ 25**	OK	NO FLAG FOR SLIGHT LAB DUPE EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	3	**≤ 25**	22	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	103, 103	**±25**	101	**±15**	3 MS <1	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	14	**≤28**	≤1.0 mg/L 1.0 mg/L	98	**±25**	96	**±15**	3	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	3	**≤28**	≤0.01 mg/L 0.01 mg/L	90	**±25**	87	**±20**	D=0.001	**≤ 20**	D=0.001	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	10, 14	**≤28**	≤0.1 mg/L 0.1 mg/L	91-116	**±25**	96-111	**±20**	<1-3 D=0.01-0.05	**≤ 20**	7 D=0.03	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 4/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 1/20/2023 /All locations, QA130 (COUMO) Lab Ref No 2301-173

date 4/26/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	104, 97	**±25**	NR	**±15**	D=0.02 MS 7	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	110, 102	**±25**	NR	**±15**	NC MS 7	**≤ 20**	D=0	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	13	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 90	**±25**	NR	**±15**	1 MS 2	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	13	**≤180**	≤5.0 µg/L 5.0 µg/L	98, 97	**±25**	NR	**±15**	4 MS <1	**≤ 20**	D=1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC, 9	**≤ 35**	44	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	19, 28	**≤14[2], ≤28**	≤0.65 ng/mL 0.1 ng/mL	88	**±30**	SURR 60-70	**30-150[3]**	NR	**<40**	80	**<50**	OK ICR = 88-130% CCV =85%	FLAG COUMO J DUE TO FIELD DUPE EXCEEDANCE. NO FLAG FOR HOLDING TIME, WITHIN 35 DAY LAB LIMIT.
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 53-88	**19-127[3]**	53-86	**25-125[4]**	7-9, D=0.04-0.07	**<21-39[4]**	D=0.002, D=0.004	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 21, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2302-068B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on February 7, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84651	***Date:*** 17-Aug-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38835-1	COUMO-20230207
L38835-3	TOSMO-20230207
L38835-4	TOSMI-20230207

Blank: WG84651-101

Reference or Spike: WG84651-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank, OPR, and client samples was outside the method nominal limit and were flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for the labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.
5. The sample 'COUMI-20230207’ (SGS AXYS ID: L38835-2) did not meet method specifications. A repeat analysis of this sample will be conducted in another analysis batch using a backup portion of the sample and the data will be submitted when available.

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February 2017

5234

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 02-068

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other: _____

Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230207 L38835-1	2/7/23	9:20	W	2	6PPD-q
	COUMI-20230207 -2	2/7/23	10:00	W	2	6PPD-q
	TOSMO-20230207 -3	2/7/23	9:40	W	2	6PPD-q
	TOSMI-20230207 -4	2/7/23	9:20	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	2/8/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by:	SGS	09-Feb-23	13:20	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230207
Sample Collection:
07-Feb-2023 09:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38835-1
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	09-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 18:07:34	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 17**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	H	1.52	1.15 (S)	6:25

(1) Where applicable, custom lab flags have been used on this report; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38835-1_Form1A_AO3O_077S17_SJ3227609.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230207
Sample Collection:
07-Feb-2023 09:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38835-1
Sample Receipt Date:	09-Feb-2023	**Sample Size:**	0.486 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 18:07:34	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 17**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	0.781	1.59	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38835-1_Form2_AO3O_077S17_SJ3227609.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230207
Sample Collection:
07-Feb-2023 09:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38835-3
Matrix:	AQUEOUS	**Sample Size:**	0.494 L
Sample Receipt Date:	09-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 18:38:04	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 19**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		3.24	0.174 (S)	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38835-3_Form1A_AO3O_077S19_SJ3227611.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230207
Sample Collection:
07-Feb-2023 09:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38835-3
Sample Receipt Date:	09-Feb-2023	**Sample Size:**	0.494 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 18:38:04	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 19**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	5.58	11.3	6:22

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38835-3_Form2_AO3O_077S19_SJ3227611.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230207
Sample Collection:
07-Feb-2023 09:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38835-4
Matrix:	AQUEOUS	**Sample Size:**	0.475 L
Sample Receipt Date:	09-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 18:53:19	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		5.50	0.105 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38835-4_Form1A_AO3O_077S20_SJ3227612.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230207
Sample Collection:
07-Feb-2023 09:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38835-4
Sample Receipt Date:	09-Feb-2023	**Sample Size:**	0.475 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 18:53:19	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 20**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	10.6	21.5	6:22

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38835-4_Form2_AO3O_077S20_SJ3227612.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84651-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 17:52:19	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 16**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG84651-101_Form1A_AO3O_077S16_SJ3227608.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84651-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 17:52:19	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 16**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	9.85	20.0	6:22

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG84651-101_Form2_AO3O_077S16_SJ3227608.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84651-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 16:36:04	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_077 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.02	100	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG84651-102_Form8A_SJ3227603.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84651-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 16:36:04	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_077 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone	V	49.2	8.61	17.5	6:22

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG84651-102_Form8B_SJ3227603.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 17-Aug-2023 14:07:06; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_077 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	21-Mar-2023
LC Column ID:	C18	**Analysis Time:**	16:05:02

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:24	5.00	5.16	103

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_077 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	21-Mar-2023
LC Column ID:	C18	**Analysis Time:**	16:05:02

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:22	49.2	38.4	78.1

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

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SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG85152	***Date:*** 18-Aug-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38835-2 COUMI-20230207

Blank:
WG85152-101

Reference or Spike:
WG85152-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. The client sample was extracted outside the method defined sample hold time of 35 days.

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February 2017

5234

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 02-068

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other: _____

Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230207 L38835-1	2/7/23	9:20	W	2	6PPD-q
	COUMI-20230207 -2	2/7/23	10:00	W	2	6PPD-q
	TOSMO-20230207 -3	2/7/23	9:40	W	2	6PPD-q
	TOSMI-20230207 -4	2/7/23	9:20	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	2/8/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by:	SGS	09-Feb-23	13:20	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230207
Sample Collection:
07-Feb-2023 10:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38835-2 R
Matrix:	AQUEOUS	**Sample Size:**	0.482 L
Sample Receipt Date:	09-Feb-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 19:52:43	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_102 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.74	0.104 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38835-2_Form1A_AO3O_102S14_SJ3244914.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230207
Sample Collection:
07-Feb-2023 10:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38835-2 R
Sample Receipt Date:	09-Feb-2023	**Sample Size:**	0.482 L
Extraction Date:	12-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	28-Apr-2023 **Time:** 19:52:43	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_102 S: 14**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_102 S: 13
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.5	58.0	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85152-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	12-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	28-Apr-2023 **Time:** 19:37:28	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_102 S: 13**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_102 S: 13
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG85152-101_Form1A_AO3O_102S13_SJ3244913.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85152-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	12-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	28-Apr-2023 **Time:** 19:37:28	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_102 S: 13**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_102 S: 13
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.0	44.7	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG85152-101_Form2_AO3O_102S13_SJ3244913.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85152-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 19:06:42	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_102 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.12	102	6:26

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85152-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 19:06:42	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_102 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	14.9	30.3	6:24

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG85152-102_Form8B_SJ3244911.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

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Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 18-Aug-2023 10:50:45; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 18-Aug-2023 10:50:45; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 18-Aug-2023 10:50:45; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_102 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	28-Apr-2023
LC Column ID:	C18	**Analysis Time:**	17:58:58

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:26	5.00	4.36	87.2

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 18-Aug-2023 10:50:45; Application: XMLTransformer-1.18.43; Report Filename: GENERIC-SPECS_AO_LC_AO3O_102S9__Form4A_SJ3244909.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_102 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	28-Apr-2023
LC Column ID:	C18	**Analysis Time:**	17:58:58

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	46.5	94.6

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 18-Aug-2023 10:50:45; Application: XMLTransformer-1.18.43; Report Filename: GENERIC-SPECS_AO_LC_AO3O_102S9__Form4B_SJ3244909.html; Workgroup: WG85152; Design ID: 4848]

CHAIN OF CUSTODY 02-068

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230207	2/7/23	9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230207		10:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230207		9:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230207		10:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230207		11:00	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230207		11:15	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230207		11:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230207		11:50	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230207		9:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230207		10:05	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230207		11:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA31-20230207		10:35	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by David Garcia Date 2/7/23 Received by [signature] Date 2-7-23

Firm Herrera Time 12:27 Firm OSE Time 1227

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23, 8/25/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 2/7/2023 /All locations, QA131 (COLM) Lab Ref No 2301-068

date 6/20/2023 & 8/30/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	90	**±20**	NC	**≤ 25**	NC	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	<1	**≤ 25**	D=0.02	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	3	**≤180**	≤1.0 mg/L 1.0 mg/L	113, 111	**±25**	109	**±15**	3 MS 1	**≤ 20**	5	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	2	**≤28**	≤1.0 mg/L 1.0 mg/L	103	**±25**	92	**±15**	2	**≤ 20**	3	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	92	**±25**	92	**±20**	D=0.001	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	6, 8	**≤28**	≤0.1 mg/L 0.1 mg/L	91-118	**±25**	94-110	**±20**	<1-13 D=0-0.05	**≤ 20**	D=0-0.1	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23, 8/25/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 2/7/2023 /All locations, QA131 (COLM) Lab Ref No 2301-068

date 6/20/2023 & 8/30/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	100, 93	**±25**	NR	**±15**	NC MS 7	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	100, 95	**±25**	NR	**±15**	NC MS 5	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	98, 103	**±25**	NR	**±15**	NC MS 5	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	110, 120	**±25**	NR	**±15**	NC MS 9	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	<1, D=7	**≤ 35**	D=0	**≤ 50**	OK	NO FLAG FOR HIGH LAB DUPE DIFFERENCE, OTHER DUPES OK
6PPD-q	OK/ MLA-118	NA	**NA**	34, 64 8, 16	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	20, 102, 100	**±30**	SURR 1-21, 58	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	NO FLAG FOR HT WITHIN LAB LIMITS, FLAG COUMI J FOR HT. FLAG COUMO TOSMO AND TOSMI J DUE TO LOW SURR AND/OR MS RECOVERIES.
PAHs	OK/ EPA 8270E SIM	NA	**NA**	3	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 61-94	**19-127[4]**	54-103	**25-125[4]**	1-9 D=0.01-0.1	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 21, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2303-020B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on March 2, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG84651	***Date:*** 17-Aug-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38929-1	COUMO-20230302
L38929-3	TOSMO-20230302
L38929-4	TOSMI-20230302
L38929-5	QA132B-20230302

Blank: WG84651-101

Reference or Spike: WG84651-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. Percent recovery of labeled compound d5-6PPD-Quinone in the Lab Blank, OPR, and several client samples was outside the method nominal limit and were flagged with a ‘V’. As the isotope dilution method of quantification produces data that are recovery corrected, the variances from the method acceptance criteria are deemed not to affect the quantification of the analytes. Percent labeled compound recoveries are used as a general method performance indicator only. Where the percent recovery for the labeled compound fell below 10% but above 1% the corresponding analyte was reported in a ‘concentration is estimated’ capacity and flagged with an 'H'.
5. The sample 'COUMI-20230302’ (SGS AXYS ID: L38929-2) did not meet method specifications. A repeat analysis of this sample will be conducted in another analysis batch using a backup portion of the sample and the data will be submitted when available.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-020

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses	
	COUMO-20230302	3/2/23	8:30	W	2	6PPD-q	L38929-1
	COUMI-20230302	3/2/23	8:45	W	2	6PPD-q	-2
	TOSMO-20230302	3/2/23	9:10	W	2	6PPD-q	-3
	TOSMI-20230302	3/2/23	8:25	W	2	6PPD-q	-4
	QA132B-20230302	3/2/23	8:45	W	2	6PPD-q	-5

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OE	3/2/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: RPS		6-MAR-2023	11:00	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230302
Sample Collection:
02-Mar-2023 08:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-1
Matrix:	AQUEOUS	**Sample Size:**	0.394 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 19:08:34	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 21**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	H	20.3	0.595 (S)	6:24

(1) Where applicable, custom lab flags have been used on this report; H = concentration is estimated.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-1_Form1A_AO3O_077S21_SJ3227613.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230302
Sample Collection:
02-Mar-2023 08:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38929-1
Sample Receipt Date:	06-Mar-2023	**Sample Size:**	0.394 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 19:08:34	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 21**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	2.91	5.92	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-1_Form2_AO3O_077S21_SJ3227613.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230302
Sample Collection:
02-Mar-2023 09:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-3
Matrix:	AQUEOUS	**Sample Size:**	0.390 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 19:39:05	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		11.1	0.128 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-3_Form1A_AO3O_077S23_SJ3227615.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230302
Sample Collection:
02-Mar-2023 09:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-3
Matrix:	AQUEOUS	**Sample Size:**	0.390 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 19:39:05	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 23**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	16.7	34.1	6:22

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-3_Form2_AO3O_077S23_SJ3227615.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230302
Sample Collection:
02-Mar-2023 08:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-4
Matrix:	AQUEOUS	**Sample Size:**	0.494 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 19:54:20	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 24**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		19.2	0.114 (S)	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L38929-4_Form1A_AO3O_077S24_SJ3227616.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230302
Sample Collection:
02-Mar-2023 08:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38929-4
Sample Receipt Date:	06-Mar-2023	**Sample Size:**	0.494 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 19:54:20	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 24**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	20.1	40.9	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA132B-20230302
Sample Collection:
02-Mar-2023 08:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-5
Matrix:	AQUEOUS	**Sample Size:**	0.416 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 20:09:35	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		0.908	0.120 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-5_Form1A_AO3O_077S25_SJ3227617.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA132B-20230302
Sample Collection:
02-Mar-2023 08:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L38929-5
Sample Receipt Date:	06-Mar-2023	**Sample Size:**	0.416 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 20:09:35	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	13.3	27.0	6:23

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-5_Form2_AO3O_077S25_SJ3227617.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG84651-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 17:52:19	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_077 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_WG84651-101_Form1A_AO3O_077S16_SJ3227608.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG84651-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	13-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	21-Mar-2023 **Time:** 17:52:19	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_077 S: 16**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_077 S: 16
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	9.85	20.0	6:22

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG84651-101_Form2_AO3O_077S16_SJ3227608.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84651-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 16:36:04	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_077 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.02	100	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

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SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG84651-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	13-Mar-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	21-Mar-2023 **Time:** 16:36:04	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_077 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_077 S: 16
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_077 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone	V	49.2	8.61	17.5	6:22

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG84651-102_Form8B_SJ3227603.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Jordan Berends_____

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Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS102282.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_077 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	21-Mar-2023
LC Column ID:	C18	**Analysis Time:**	16:05:02

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:24	5.00	5.16	103

(1) Where applicable, custom lab flags have been used on this report.

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Signed: _____Bryan Alonzo_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_077 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	21-Mar-2023
LC Column ID:	C18	**Analysis Time:**	16:05:02

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:22	49.2	38.4	78.1

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 17-Aug-2023 14:09:14; Application: XMLTransformer-1.18.43; Report Filename: GENERIC-SPECS_AO_LC_AO3O_077S9__Form4B_SJ3227601.html; Workgroup: WG84651; Design ID: 4848]

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG85152	***Date:*** 18-Aug-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L38929-2 COUMI-20230302

Blank:
WG85152-101

Reference or Spike:
WG85152-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. The client sample was extracted outside the method defined sample hold time of 35 days.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 03-020

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses	
	COUMO-20230302	3/2/23	8:30	W	2	6PPD-q	L38929-1
	COUMI-20230302	3/2/23	8:45	W	2	6PPD-q	-2
	TOSMO-20230302	3/2/23	9:10	W	2	6PPD-q	-3
	TOSMI-20230302	3/2/23	8:25	W	2	6PPD-q	-4
	QA132B-20230302	3/2/23	8:45	W	2	6PPD-q	-5

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OE	3/2/23	1600	
Received by:	UPS			
Relinquished by:	UPS			
Received by: RPS		6-MAR-2023	11:00	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230302
Sample Collection:
02-Mar-2023 08:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-2 R
Matrix:	AQUEOUS	**Sample Size:**	0.443 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 20:23:28	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_102 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.08	0.113 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-2_Form1A_AO3O_102S16_SJ3244916.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230302
Sample Collection:
02-Mar-2023 08:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L38929-2 R
Matrix:	AQUEOUS	**Sample Size:**	0.443 L
Sample Receipt Date:	06-Mar-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 20:23:28	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_102 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	30.0	61.0	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_L38929-2_Form2_AO3O_102S16_SJ3244916.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85152-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	12-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	28-Apr-2023 **Time:** 19:37:28	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_102 S: 13**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_102 S: 13
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG85152-101_Form1A_AO3O_102S13_SJ3244913.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85152-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	12-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	28-Apr-2023 **Time:** 19:37:28	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_102 S: 13**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_102 S: 13
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.0	44.7	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG85152-101_Form2_AO3O_102S13_SJ3244913.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85152-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 19:06:42	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_102 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	5.12	102	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43; Report Filename: LC_AO_LC_AO118_POS_WG85152-102_Form8A_SJ3244911.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85152-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	12-Apr-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	28-Apr-2023 **Time:** 19:06:42	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_102 S: 11**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_102 S: 13
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_102 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	14.9	30.3	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: LC_AO_LC_AO118_POS_WG85152-102_Form8B_SJ3244911.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS102879.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_102 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	28-Apr-2023
LC Column ID:	C18	**Analysis Time:**	17:58:58

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:26	5.00	4.36	87.2

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43; Report Filename: GENERIC-SPECS_AO_LC_AO3O_102S9__Form4A_SJ3244909.html; Workgroup: WG85152; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_102 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	28-Apr-2023
LC Column ID:	C18	**Analysis Time:**	17:58:58

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	46.5	94.6

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 18-Aug-2023 10:52:16; Application: XMLTransformer-1.18.43; Report Filename: GENERIC-SPECS_AO_LC_AO3O_102S9__Form4B_SJ3244909.html; Workgroup: WG85152; Design ID: 4848]

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 03-020

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0302	3/2/23	8:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0302		8:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023 0302		9:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023 0302		9:30	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023 0302		9:45	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023 0302		10:45	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023 0302		11:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023 0302		10:35	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023 0302		8:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023 0302		9:20	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023 0302		10:00	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023 0302		10:15	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 132-20230302		11:00	Water	7	X	X	X	X	X	X	X	X	X		
14	QA132B-20230302		8:45												X	X

Relinquished by David Garcia Date 3/2/23 Received by [illegible] Date 3/2/23

Firm Herrera Env. Time 12:04 Firm ORE Time 1204

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 03-020

Initiated by: MV

Date Initiated: 3/2/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	4,3,3,3
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No	1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) Colifrm will expire < 24 hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 3/2/23 /All locations, QA132 & QA132B (MONMS & COUMI) Lab Ref No 2303-020

date 6/20/2023 & 8/30/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	81	**±20**	NC	**≤ 25**	56	**≤ 25**	OK	FLAG MONMS J DUE TO FIELD DUPE EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	3	**≤ 25**	8	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	95, 94	**±25**	107, MS 1	**±15**	3	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	6	**≤28**	≤1.0 mg/L 1.0 mg/L	106	**±25**	101	**±15**	5	**≤ 20**	<1	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	5	**≤28**	≤0.01 mg/L 0.01 mg/L	97	**±25**	99	**±20**	5	**≤ 20**	<1	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	8-14	**≤28**	≤0.1 mg/L 0.1 mg/L	97-111	**±25**	97-106	**±20**	<1-11, D=0-0.1	**≤ 20**	7, D=0.02	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 3/2/23 /All locations, QA132 & QA132B (MONMS & COUMI) Lab Ref No 2303-020

date 6/20/2023 & 8/30/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	7	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 93	**±25**	NR	**±15**	NC MS 5	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	7	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 100	**±25**	NR	**±15**	NC MS 6	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 88	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	95, 97	**±25**	NR	**±15**	NC MS 2	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	6, D=6	**≤ 35**	<1	**≤ 50**	OK	NO FLAG FOR HIGH DIFFERENCE, BATCH SAMPLE AND OTHER DUPES OK
6PPD-q	OK/ MLA-118	NA	**NA**	-	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	-	**±30**	SURR	**30-150[3]**	NR	**<40**	-	**<50**	ICR = CCV =	WORKSHEET WILL BE UPDATED WHEN RESULTS ARE PROVIDED
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4-5, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 67-102	**19-127[4]**	50-94	**25-125[4]**	3-11 D=0.01-0.03	**<21-39[4]**	NC	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 19, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2304-066B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on April 6, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG85297	***Date:*** 19-Oct-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L39159-1	COUMO-20230406
L39159-2	COUMI-20230406
L39159-3	TOSMO-20230406
L39159-4	TOSMI-20230406

Blank: WG85297-101

Reference or Spike: WG85297-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. For the OPR (SGS AXYS ID: WG85297-102), recovery of the labeled surrogate D5-6PPD-QUINONE was slightly below the method lower control limit and flagged with a 'V' on report. However, authentic recovery met the method specification, data is not considered affected.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-066

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L39159

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-1	COUMO-20230406	4/6/23	12:25	W	2	6PPD-q
-2	COUMI-20230406	4/6/23	13:55	W	2	6PPD-q
-3	TOSMO-20230406	4/6/23	14:10	W	2	6PPD-q
-4	TOSMI-20230406	4/6/23	12:40	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/10/23	1600	EIM
Received by:	UPS	11-Apr-23	13:20	
Relinquished by:	UPS			
Received by:				
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230406
Sample Collection:
06-Apr-2023 12:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-1
Matrix:	AQUEOUS	**Sample Size:**	0.479 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:48:46	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		3.38	0.104 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39159-1_Form1A_AO3O_110S13_SJ3254285.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230406
Sample Collection:
06-Apr-2023 12:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-1
Matrix:	AQUEOUS	**Sample Size:**	0.479 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:48:46	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 13**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	31.7	64.5	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

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Report Filename: LC_AO_LC_AO118_POS_L39159-1_Form2_AO3O_110S13_SJ3254285.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230406
Sample Collection:
06-Apr-2023 13:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-2
Matrix:	AQUEOUS	**Sample Size:**	0.495 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 19:04:00	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		3.71	0.101 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39159-2_Form1A_AO3O_110S14_SJ3254286.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230406
Sample Collection:
06-Apr-2023 13:55

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-2
Matrix:	AQUEOUS	**Sample Size:**	0.495 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 19:04:00	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	32.0	65.2	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39159-2_Form2_AO3O_110S14_SJ3254286.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230406
Sample Collection:
06-Apr-2023 14:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-3
Matrix:	AQUEOUS	**Sample Size:**	0.480 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 19:19:16	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.74	0.104 (L)	6:27

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39159-3_Form1A_AO3O_110S15_SJ3254287.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230406
Sample Collection:
06-Apr-2023 14:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39159-3
Sample Receipt Date:	11-Apr-2023	**Sample Size:**	0.480 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 19:19:16	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 15**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.0	38.6	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39159-3_Form2_AO3O_110S15_SJ3254287.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230406
Sample Collection:
06-Apr-2023 12:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-4
Matrix:	AQUEOUS	**Sample Size:**	0.457 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 19:34:31	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		3.36	0.110 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39159-4_Form1A_AO3O_110S16_SJ3254288.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230406
Sample Collection:
06-Apr-2023 12:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39159-4
Matrix:	AQUEOUS	**Sample Size:**	0.457 L
Sample Receipt Date:	11-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 19:34:31	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	23.8	48.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39159-4_Form2_AO3O_110S16_SJ3254288.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG85297-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:33:31	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-101_Form1A_AO3O_110S12_SJ3254284.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85297-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 18:33:31	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 12**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	20.9	42.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-101_Form2_AO3O_110S12_SJ3254284.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85297-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:03:01	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_110 S: 10**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.18	83.6	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-102_Form8A_SJ3254282.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85297-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:03:01	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_110 S: 10**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone	V	49.2	2.10	4.27	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-102_Form8B_SJ3254282.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	MEAN RT
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_110 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	19-May-2023
LC Column ID:	C18	**Analysis Time:**	17:47:45

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:26	5.00	4.22	84.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_110S9__Form4A_SJ3254281.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_110 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	19-May-2023
LC Column ID:	C18	**Analysis Time:**	17:47:45

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	54.3	110

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 19-Oct-2023 10:10:18; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_110S9__Form4B_SJ3254281.html; Workgroup: WG85297; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																																		
OC Pesticides		EPA 625	MLA-007																																		
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007																																		
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007																																		
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270E	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora												Urine		Water, Non-Potable													AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007						Y	Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270E	MLA-007							Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Methoxychlor	EPA 608	MLA-007																										Y					Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Mirex	EPA 8270E	MLA-007							Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Oxychlordane	EPA 8270E	MLA-007							Y																													
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Toxaphene	EPA 8270E	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007							Y						Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y														

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Fluorene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Naphthalene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																		
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007						Y																												
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																																		
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101/90/89	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270E	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270E	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270E	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270E	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270E	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7/9	EPA 8270E	MLA-007																																					
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 70/76	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74/61	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y										

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83/108	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85/120	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 88/121	EPA 8270E	MLA-007																																				
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270E	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y											Y							
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y											Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Heptachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Hexachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Nonachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Octachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Pentachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Trichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290A	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y						Y		Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110		Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		EPA 1633 draft	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		EPA 1633 draft	MLA-110									Y										Y										Y						
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y					Y	Y	Y	Y								Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y										Y		Y					
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y											Y						
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y							
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y							

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		EPA 1633 draft										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 24-066

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B)*	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230406	4/6/2023	12:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230406		13:55	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230406		14:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230406		14:50	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230406		15:05	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230406		15:~~55~~15	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230406		15:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230406		15:55	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230406		12:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230406		14:00	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230406		14:30	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230406		15:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA134-20230406		14:10	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Meaghan O'Connor Date 4/6/23 Received by _____ Date 4/6/23

Firm Herrera Environmental Time 4:30 Firm OSE Time 1630

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23, 11/8/2 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/6/23 /All locations, QA134 (TOSMO) Lab Ref No 2304-066

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	86	**±20**	14	**≤ 25**	173	**≤ 25**	OK	FLAG TOSMO J DUE TO HIGH FIELD DUPE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	9	**≤ 25**	151	**≤ 25**	OK	FLAG TOSMO J DUE TO HIGH FIELD DUPE
Hardness	OK / SM 2340B	NA	**NA**	5	**≤180**	≤1.0 mg/L 1.0 mg/L	103, 101	**±25**	107	**±15**	4 MS 2	**≤ 20**	10	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	13	**≤28**	≤1.0 mg/L 1.0 mg/L	100	**±25**	97	**±15**	D=0.1	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	11	**≤28**	≤0.01 mg/L 0.01 mg/L	86	**±25**	87	**±20**	NC	**≤ 20**	D=0.001	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	18, 19	**≤28**	≤0.1 mg/L 0.1 mg/L	95-127	**±25**	102-106	**±20**	<1-4 D-0-0.05	**≤ 20**	<1, D=0.09	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11/23, 11/8/2 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/6/23 /All locations, QA134 (TOSMO) Lab Ref No 2304-066

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	91, 96	**±25**	NR	**±15**	NC MS 5	**≤ 20**	D=0	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	97, 104	**±25**	NR	**±15**	NC MS 7	**≤ 20**	27	**≤ 20**	OK	FLAG TOSMO J DUE TO FIELD DUPE EXCEEDANCE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	94, 93	**±25**	NR	**±15**	NC MS 1	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	103, 103	**±25**	NR	**±15**	1 MS 0	**≤ 20**	<1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	17, 67	**≤ 35**	17	**≤ 50**	OK	NO FLAG FOR HIGH LAB DUPE, BATCH SAMPLE AND OTHER DUPES OK
6PPD-q	OK/ MLA-118	NA	**NA**	32, 11	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	84	**±30**	SURR 39-65	**30-150[3]**	NR	**<40**	-	**<50**	ICR = 89-130% CCV = 84%	NO FLAG FOR EXTRACTION HOLDING TIME WITHIN 35 DAY LABORATORY LIMIT
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 51-89	**19-127[4]**	58-95	**25-125[4]**	<1-4, D=0.01-0.04	**<21-39[4]**	NC	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 19, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2304-245B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on April 21, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG85297	***Date:*** 19-Oct-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L39234-1	COUMO-20230420
L39234-2	COUMI-20230420
L39234-3	TOSMO-20230420
L39234-4	TOSMI-20230420
L39234-5	QA135B-20230420

Blank: WG85297-101

Reference or Spike: WG85297-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. For the OPR (SGS AXYS ID: WG85297-102), recovery of the labeled surrogate D5-6PPD-QUINONE was slightly below the method lower control limit and flagged with a 'V' on report. However, authentic recovery met the method specification, data is not considered affected.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-245

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L39234

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-1	COUMO-20230420	4/20/23	17:25	W	2	6PPD-q
-2	COUMI-20230420	4/20/23	17:45	W	2	6PPD-q
-3	TOSMO-20230420	4/20/23	18:15	W	2	6PPD-q
-4	TOSMI-20230420	4/20/23	17:20	W	2	6PPD-q
-5	QA135B-20230420	4/20/23	17:20	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	4/24/23	1600	EIM
Received by:	UPS			
Relinquished by:	UPS			
Received by:	SGS 26-Apr-2023 16:30	~~27-Apr-2023~~	Q	
Relinquished by:			27-Apr-2023 EY	
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230420
Sample Collection:
20-Apr-2023 17:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-1
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:05:01	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		2.23	0.101 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-1_Form1A_AO3O_110S18_SJ3254290.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230420
Sample Collection:
20-Apr-2023 17:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-1
Matrix:	AQUEOUS	**Sample Size:**	0.493 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:05:01	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	24.8	50.6	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39234-1_Form2_AO3O_110S18_SJ3254290.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230420
Sample Collection:
20-Apr-2023 17:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-2
Matrix:	AQUEOUS	**Sample Size:**	0.494 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:20:15	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 19**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		11.0	0.101 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39234-2_Form1A_AO3O_110S19_SJ3254291.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230420
Sample Collection:
20-Apr-2023 17:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-2
Matrix:	AQUEOUS	**Sample Size:**	0.494 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:20:15	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 19**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.0	56.9	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-2_Form2_AO3O_110S19_SJ3254291.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230420
Sample Collection:
20-Apr-2023 18:15

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-3
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:35:30	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.29	0.100 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-3_Form1A_AO3O_110S20_SJ3254292.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230420
Sample Collection:
20-Apr-2023 18:15

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-3
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:35:30	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 20**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	24.3	49.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-3_Form2_AO3O_110S20_SJ3254292.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230420
Sample Collection:
20-Apr-2023 17:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-4
Matrix:	AQUEOUS	**Sample Size:**	0.489 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 20:50:45	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 21**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		3.31	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-4_Form1A_AO3O_110S21_SJ3254293.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230420
Sample Collection:
20-Apr-2023 17:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39234-4
Sample Receipt Date:	26-Apr-2023	**Sample Size:**	0.489 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 20:50:45	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 21**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	33.2	67.5	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-4_Form2_AO3O_110S21_SJ3254293.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA135B-20230420
Sample Collection:
20-Apr-2023 17:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39234-5
Matrix:	AQUEOUS	**Sample Size:**	0.488 L
Sample Receipt Date:	26-Apr-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 21:06:00	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		3.53	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-5_Form1A_AO3O_110S22_SJ3254294.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA135B-20230420
Sample Collection:
20-Apr-2023 17:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39234-5
Sample Receipt Date:	26-Apr-2023	**Sample Size:**	0.488 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 21:06:00	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 22**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	36.2	73.6	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39234-5_Form2_AO3O_110S22_SJ3254294.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG85297-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:33:31	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-101_Form1A_AO3O_110S12_SJ3254284.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85297-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 18:33:31	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 12**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	20.9	42.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-101_Form2_AO3O_110S12_SJ3254284.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85297-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:03:01	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_110 S: 10**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.18	83.6	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-102_Form8A_SJ3254282.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85297-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:03:01	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_110 S: 10**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone	V	49.2	2.10	4.27	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44; Report Filename: LC_AO_LC_AO118_POS_WG85297-102_Form8B_SJ3254282.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

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Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_110 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	19-May-2023
LC Column ID:	C18	**Analysis Time:**	17:47:45

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:26	5.00	4.22	84.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_110S9__Form4A_SJ3254281.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_110 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	19-May-2023
LC Column ID:	C18	**Analysis Time:**	17:47:45

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	54.3	110

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 19-Oct-2023 10:13:15; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_110S9__Form4B_SJ3254281.html; Workgroup: WG85297; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																																		
OC Pesticides		EPA 625	MLA-007																																		
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007																																		
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007																																		
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270E	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007						Y	Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270E	MLA-007							Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y				
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Mirex	EPA 8270E	MLA-007							Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Oxychlordane	EPA 8270E	MLA-007							Y																													
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Toxaphene	EPA 8270E	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007							Y						Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y														

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																		
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007						Y																												
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																			Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																																		
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																			Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																			Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270E	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270E	MLA-007																																		
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora												Urine		Water		Water, Non-Potable													AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																					
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270E	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270E	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270E	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270E	MLA-007																																			
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y						Y		Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 83/108	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 85/120	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 88/121	EPA 8270E	MLA-007																																		
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95/93	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97/86	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 98/102	EPA 8270E	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y							
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290A	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y			
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y						
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y						
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y			
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y						
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y						
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y			
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y						
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y						
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y			
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y						
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y						
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y			
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y						
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y	Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y						

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y				Y				Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110		Y	Y	Y			Y		Y	Y			Y	Y	Y		Y	Y	Y	Y			Y	Y	Y				Y				Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y		
PFAS		EPA 1633 draft	MLA-110			Y											Y										Y									Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y				Y				Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		EPA 1633 draft	MLA-110									Y										Y											Y					
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y					Y		Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y									Y		Y						
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y										Y								
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y								
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		EPA 1633 draft										Y									Y											Y							
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																				Y				Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 04-215

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-20230420	4/20/23	17:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-20230420		17:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-20230420		18:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-20230420		18:45	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-20230420		19:10	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-20230420		20:05	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-20230420		2030	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-20230420		20:25	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-20230420		1720	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-20230420		1850	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-20230420		19:25	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-20230420		19:40	Water	7	X	X	X	X	X	X	X	X	X		
13	QA135-20230420		19:40	Water	7	X	X	X	X	X	X	X	X	X		
14	QA135B-20230420		1720	Water	4										X	X

Relinquished by Scott Shumway Date 4/21/23 Received by NBollino Date 4/21/23

Firm Herrera Environmental Time 1350 Firm OSE Time 1350

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 04-245

Initiated by: NB

Date Initiated: 4/21/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	0.3, 1.3, 0.9, 3.2
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	(Yes)	No		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

3.7) Fecals & Turbidity will expire.

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11 & 11/9/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/20/23 /All locations, QA135 & QA135B (SEIMS & TOSMI) Lab Ref No 2304-245

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	5	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	85	**±20**	7	**≤ 25**	4	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	19	**≤ 25**	15	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	6	**≤180**	≤1.0 mg/L 1.0 mg/L	88, 97	**±25**	104	**±15**	3 MS 7	**≤ 20**	7	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	13	**≤28**	≤1.0 mg/L 1.0 mg/L	101	**±25**	104	**±15**	D=0.1	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	92	**±25**	98	**±20**	2	**≤ 20**	D=0.01	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	14, 22	**≤28**	≤0.1 mg/L 0.1 mg/L	94-120	**±25**	99-103	**±20**	<1-2 D=0.001 -0.02	**≤ 20**	NC, 3	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11 & 11/9/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/20/23 /All locations, QA135 & QA135B (SEIMS & TOSMI) Lab Ref No 2304-245

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	89, 88	**±25**	NR	**±15**	NC MS 1	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	91, 92	**±25**	NR	**±15**	NC MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 97	**±25**	NR	**±15**	NC MS 5	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	94, 100	**±25**	NR	**±15**	5, MS 6	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC, 20	**≤ 35**	46	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	18, 11	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	84	**±30**	SURR 49-74	**30-150[3]**	NR	**<40**	6	**<50**	OK ICR =88-130 CCV =84	NO FLAG FOR HOLDING TIME EXCEEDANCE, WITHIN LABORATORY LIMIT OF 35 DAYS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	6< <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 61-98	**19-127[4]**	72-100	**25-125[4]**	<1-5 D=0--0.3	**<21-39[4]**	NC, 14-22, D=0.01-0.012	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 19, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2304-315B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on April 27, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
"The sample(s) to which the findings recorded herein (the "Findings") relate was[were] drawn and [or] provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted."

BATCH SUMMARY

Batch ID: WG85297	***Date:*** 19-Oct-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L39266-1	COUMO-20230427
L39266-2	COUMI-20230427
L39266-3	TOSMO-20230427
L39266-4	TOSMI-20230427

Blank: WG85297-101

Reference or Spike: WG85297-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.
4. For the OPR, samples COUMO-20230427 and TOSMO-20230427 (SGS AXYS ID: WG85297-102, L39266-1 and -3, respectively), recovery of the labeled surrogate D5-6PPD-QUINONE was slightly below the method lower control limit and flagged with a 'V' on report. However, authentic recovery in the OPR met the method specification, data is not considered affected.

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February 2017

www.sgsaxys.com

5234

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 04-315

Laboratory: SGS AXYS Analytical Services Ltd.

Turnaround Request

Project Manager: David Baumeister

Attention: Suma Thomas

1 Day 2 Day 3 Day

email: dbaumeister@onsite-env.com

2045 Mills Road, Sidney, BC, Canada V8L 5X2

Standard

Project Number: 14-05806-000

Phone Number: 250-655-5825

Other: _____

Project Name: _____

L39266

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
-1	COUMO-20230427	4/27/23	10:35	W	2	6PPD-q
-2	COUMI-20230427	4/27/23	11:00	W	2	6PPD-q
-3	TOSMO-20230427	4/27/23	11:25	W	2	6PPD-q
-4	TOSMI-20230427	4/27/23	10:35	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OCE	5/11/23	1600	EIM
Received by:	UPS			
Relinquished by:	UPS			
Received by:		02MAY2023	12:35	
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230427
Sample Collection:
27-Apr-2023 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39266-1
Matrix:	AQUEOUS	**Sample Size:**	0.487 L
Sample Receipt Date:	02-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 21:36:30	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 24**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		2.03	0.103 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39266-1_Form1A_AO3O_110S24_SJ3254296.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230427
Sample Collection:
27-Apr-2023 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39266-1
Sample Receipt Date:	02-May-2023	**Sample Size:**	0.487 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 21:36:30	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 24**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	11.2	22.7	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L39266-1_Form2_AO3O_110S24_SJ3254296.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230427
Sample Collection:
27-Apr-2023 11:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39266-2
Matrix:	AQUEOUS	**Sample Size:**	0.469 L
Sample Receipt Date:	02-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 21:51:45	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.49	0.107 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230427
Sample Collection:
27-Apr-2023 11:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39266-2
Matrix:	AQUEOUS	**Sample Size:**	0.469 L
Sample Receipt Date:	02-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 21:51:45	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.8	40.3	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39266-2_Form2_AO3O_110S25_SJ3254297.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230427
Sample Collection:
27-Apr-2023 11:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39266-3
Matrix:	AQUEOUS	**Sample Size:**	0.465 L
Sample Receipt Date:	02-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 22:07:00	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 26**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.10	0.198 (S)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L39266-3_Form1A_AO3O_110S26_SJ3254298.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230427
Sample Collection:
27-Apr-2023 11:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39266-3
Sample Receipt Date:	02-May-2023	**Sample Size:**	0.465 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 22:07:00	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 26**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone	V	49.2	6.02	12.3	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.
(2) R(%) = percent recovery.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39266-3_Form2_AO3O_110S26_SJ3254298.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230427
Sample Collection:
27-Apr-2023 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39266-4
Matrix:	AQUEOUS	**Sample Size:**	0.489 L
Sample Receipt Date:	02-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 22:22:15	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 27**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		1.81	0.102 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39266-4_Form1A_AO3O_110S27_SJ3254299.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230427
Sample Collection:
27-Apr-2023 10:35

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39266-4
Matrix:	AQUEOUS	**Sample Size:**	0.489 L
Sample Receipt Date:	02-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 22:22:15	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 27**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	34.9	71.0	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39266-4_Form2_AO3O_110S27_SJ3254299.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG85297-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:33:31	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_110 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-101_Form1A_AO3O_110S12_SJ3254284.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85297-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-May-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	19-May-2023 **Time:** 18:33:31	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_110 S: 12**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_110 S: 12
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	20.9	42.4	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-101_Form2_AO3O_110S12_SJ3254284.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85297-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:03:01	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_110 S: 10**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.18	83.6	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85297-102_Form8A_SJ3254282.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85297-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-May-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	19-May-2023 **Time:** 18:03:01	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_110 S: 10**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_110 S: 12
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_110 S: 9

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone	V	49.2	2.10	4.27	6:24

(1) Where applicable, custom lab flags have been used on this report; V = surrogate recovery is not within method/contract control limits.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44; Report Filename: LC_AO_LC_AO118_POS_WG85297-102_Form8B_SJ3254282.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
		CS0	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
LABELED COMPOUND	**LAB FLAG[1]**										
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS103163.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_110 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	19-May-2023
LC Column ID:	C18	**Analysis Time:**	17:47:45

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:26	5.00	4.22	84.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_110S9__Form4A_SJ3254281.html; Workgroup: WG85297; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_110 S: 9
Instrument ID:	LC MS/MS	**Analysis Date:**	19-May-2023
LC Column ID:	C18	**Analysis Time:**	17:47:45

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	54.3	110

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 19-Oct-2023 10:15:00; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_110S9__Form4B_SJ3254281.html; Workgroup: WG85297; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																																		
OC Pesticides		EPA 625	MLA-007																																		
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007																																		
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007																																		
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270E	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora												Urine		Water, Non-Potable													AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007						Y	Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270E	MLA-007							Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Methoxychlor	EPA 608	MLA-007																										Y					Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Mirex	EPA 8270E	MLA-007							Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Oxychlordane	EPA 8270E	MLA-007							Y																													
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Toxaphene	EPA 8270E	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007							Y						Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y														

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
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PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Fluorene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Naphthalene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																		
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007						Y																												
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																																		
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101/90/89	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270E	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270E	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270E	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270E	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270E	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7/9	EPA 8270E	MLA-007																																					
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 70/76	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74/61	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y										

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83/108	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85/120	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 88/121	EPA 8270E	MLA-007																																				
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270E	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y											Y							
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y											Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Heptachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Hexachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Nonachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Octachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Pentachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Trichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290A	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y						Y		Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110		Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		EPA 1633 draft	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		EPA 1633 draft	MLA-110									Y										Y										Y						
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y					Y	Y	Y	Y								Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y										Y		Y					
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y											Y						
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y							
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y							

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		EPA 1633 draft										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 04-315

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0427	4/27/23	10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		11:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		11:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		11:52	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		12:15	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		12:50	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		13:15	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:20	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		10:35	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:30	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		12:15	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		12:45	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 136-20230427		12:50	Water	7	X	X	X	X	X	X	X	X	X		
	~~QA 136 B~~															

Relinquished by David Garcia Date 14:26 Received by NBlair Date 1426

Firm Herrera Env. Time 4/27/23 Firm CSE Time 4/27/23

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 04-315

Initiated by: NB

Date Initiated: 4/27/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	4.4, 3.3, 4.5, 2.3
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No	1 2 3 4	
2.2 Was the COC legible and written in permanent ink?	(Yes)	No	1 2 3 4	
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No	1 2 3 4	
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)	1 2 3 4	
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No	1 2 3 4	
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)	1 2 3 4	

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4	
3.2 Were any sample labels missing or illegible?	Yes	(No)		1 2 3 4	
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4	
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4	
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4	
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4	
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4	
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4	
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4	

Explain any discrepancies:

2.4) #1 - labels for PAH & 6PPD-q read @ 11:00.
#2 - labels for PAH & 6PPD-q read @ 10:35.

3.7) Fecal Coliform will expire in < 24 hours.

1 - Discuss issue in Case Narrative
2 - Process Sample As-is
3 - Client contacted to discuss problem
4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11 & 11/9/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/27/23 /All locations, QA136 (MONMN) Lab Ref No 2304-315

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	87	**±20**	17	**≤ 25**	46	**≤ 25**	OK	FLAG MONMN J DUE TO FIELD DUPE EXCEEDANCE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	D=0.2	**≤ 25**	25	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	4	**≤180**	≤1.0 mg/L 1.0 mg/L	87, 90	**±25**	97	**±15**	2 MS 2	**≤ 20**	12	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	6	**≤28**	≤1.0 mg/L 1.0 mg/L	97	**±25**	102	**±15**	D=0.04	**≤ 20**	D=0.3	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	11	**≤28**	≤0.01 mg/L 0.01 mg/L	92	**±25**	94	**±20**	D=0.004	**≤ 20**	D=0.07	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	14-22	**≤28**	≤0.1 mg/L 0.1 mg/L	95-125	**±25**	100-106	**±20**	NC, 0-4 D=0.02	**≤ 20**	9, D=0.1	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11 & 11/9/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 4/27/23 /All locations, QA136 (MONMN) Lab Ref No 2304-315

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	95, 89	**±25**	NR	**±15**	D=0.02 MS 7	**≤ 20**	NC	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	104, 96	**±25**	NR	**±15**	NC MS 8	**≤ 20**	7	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	92, 89	**±25**	NR	**±15**	NC MS 3	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	93, 94	**±25**	NR	**±15**	D=0.5	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	NC	**≤ 35**	NC	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	11, 11	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	84	**±30**	SURR 12-71	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =88-130 CCV =84	FLAG COUMO AND TOSMO J FOR LOW SURROGATE RECOVERY
PAHs	OK/ EPA 8270E SIM	NA	**NA**	5, 1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 53-78	**19-127[4]**	62-111	**25-125[4]**	5-7 D=0.01-0.07	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 19, 2023

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2305-051B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on May 5, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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"The sample(s) to which the findings recorded herein (the "Findings") relate was[were] drawn and [or] provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted."

BATCH SUMMARY

Batch ID: WG85622	***Date:*** 19-Oct-2023
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L39337-1	COUMO-20230505
L39337-2	COUMI-20230505
L39337-3	TOSMO-20230505
L39337-4	TOSMI-20230505

Blank: WG85622-101

Reference or Spike: WG85622-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

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February 2017

5234

OnSite Environmental Inc.

14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other:

Laboratory Reference #: 05-051
Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230505	5/5/23	7:25	W	2	6PPD-q L39337-1
	COUMI-20230505	5/5/23	7:45	W	2	6PPD-q -2
	TOSMO-20230505	5/5/23	8:15	W	2	6PPD-q -3
	TOSMI-20230505	5/5/23	7:25	W	2	6PPD-q -4

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: [signature]	OSE	5/8/23	1600	EIM
Received by:	UPS			
Relinquished by:	UPS			
Received by:				
Relinquished by:				
Received by:	RPS 11-may-2023			

13:20

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230505
Sample Collection:
05-May-2023 07:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-1
Matrix:	AQUEOUS	**Sample Size:**	0.464 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 20:42:39	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		9.33	0.108 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39337-1_Form1A_AO3O_128S15_SJ3267992.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230505
Sample Collection:
05-May-2023 07:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-1
Matrix:	AQUEOUS	**Sample Size:**	0.464 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 20:42:39	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 15**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng absolute		

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	22.7	46.1	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230505
Sample Collection:
05-May-2023 07:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-2
Matrix:	AQUEOUS	**Sample Size:**	0.484 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 20:57:54	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng/L		

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		7.38	0.103 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39337-2_Form1A_AO3O_128S16_SJ3267993.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230505
Sample Collection:
05-May-2023 07:45

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-2
Matrix:	AQUEOUS	**Sample Size:**	0.484 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 20:57:54	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 16**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng absolute		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	17.6	35.9	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Henry Huang_____

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SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230505
Sample Collection:
05-May-2023 08:15

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-3
Matrix:	AQUEOUS	**Sample Size:**	0.471 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 21:13:09	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 17**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		8.83	0.106 (L)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

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Report Filename: LC_AO_LC_AO118_POS_L39337-3_Form1A_AO3O_128S17_SJ3267994.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230505
Sample Collection:
05-May-2023 08:15

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-3
Matrix:	AQUEOUS	**Sample Size:**	0.471 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 21:13:09	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 17**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	18.5	37.7	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39337-3_Form2_AO3O_128S17_SJ3267994.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230505
Sample Collection:
05-May-2023 07:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-4
Matrix:	AQUEOUS	**Sample Size:**	0.457 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 21:28:24	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		19.6	0.139 (S)	6:26

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39337-4_Form1A_AO3O_128S18_SJ3267995.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230505
Sample Collection:
05-May-2023 07:25

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39337-4
Matrix:	AQUEOUS	**Sample Size:**	0.457 L
Sample Receipt Date:	11-May-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 21:28:24	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 18**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	15.2	31.0	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_L39337-4_Form2_AO3O_128S18_SJ3267995.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	N/A		
Contract No.:	5234	**Lab Sample I.D.:**	WG85622-101
Matrix:	AQUEOUS	**Sample Size:**	0.500 L
Sample Receipt Date:	N/A	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 20:27:24	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_128 S: 14**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.100 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85622-101_Form1A_AO3O_128S14_SJ3267991.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG85622-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	08-Jun-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	17-Jun-2023 **Time:** 20:27:24	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_128 S: 14**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_128 S: 14
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_128 S: 10

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	16.6	33.9	6:24

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85622-101_Form2_AO3O_128S14_SJ3267991.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85622-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 19:56:53	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_128 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.51	90.2	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.
Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85622-102_Form8A_SJ3267989.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG85622-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	08-Jun-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	17-Jun-2023 **Time:** 19:56:53	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_128 S: 12**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_128 S: 14
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_128 S: 10

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	19.8	40.3	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: LC_AO_LC_AO118_POS_WG85622-102_Form8B_SJ3267989.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS103602.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS103602.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS103602.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS103602.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_128 S: 10
Instrument ID:	LC MS/MS	**Analysis Date:**	17-Jun-2023
LC Column ID:	C18	**Analysis Time:**	19:26:24

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:26	5.00	4.48	89.6

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_128S10__Form4A_SJ3267987.html; Workgroup: WG85622; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_128 S: 10
Instrument ID:	LC MS/MS	**Analysis Date:**	17-Jun-2023
LC Column ID:	C18	**Analysis Time:**	19:26:24

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:24	49.2	38.1	77.6

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Henry Huang_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 19-Oct-2023 11:20:45; Application: XMLTransformer-1.18.44; Report Filename: GENERIC-SPECS_AO_LC_AO3O_128S10__Form4B_SJ3267987.html; Workgroup: WG85622; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																																		
OC Pesticides		EPA 625	MLA-007																																		
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007																																		
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007																																		
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270E	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora												Urine		Water, Non-Potable													AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007						Y	Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270E	MLA-007							Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Methoxychlor	EPA 608	MLA-007																										Y					Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Mirex	EPA 8270E	MLA-007							Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Oxychlordane	EPA 8270E	MLA-007							Y																													
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Toxaphene	EPA 8270E	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007							Y						Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y														

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Fluorene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Naphthalene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																		
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007						Y																												
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																																		
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
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PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101/90/89	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270E	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270E	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270E	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270E	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270E	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7/9	EPA 8270E	MLA-007																																					
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 70/76	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74/61	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y										

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83/108	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85/120	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 88/121	EPA 8270E	MLA-007																																				
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270E	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y											Y							
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y											Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Heptachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Hexachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Nonachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Octachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Pentachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Trichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290A	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y						Y		Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110		Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		EPA 1633 draft	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		EPA 1633 draft	MLA-110									Y										Y										Y						
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y					Y	Y	Y	Y								Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y										Y		Y					
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y											Y						
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y							
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y							

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		EPA 1633 draft										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No. 05-051

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0505	5/5/23	7:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023 0505		7:45	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		8:15	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		8:40	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		8:50	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		9:35	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		9:50	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		9:55	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		7:25	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		8:20	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		8:55	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		9:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA 137-20230505		7:45	Water	7	X	X	X	X	X	X	X	X	X		

Relinquished by Nicole VanDeVelde Date 5/5/23 Received by _____ Date 5/5/23

Firm Herrera Time 10:35 Firm OSE Time 1035

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

10

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 05-051

Initiated by: MW

Date Initiated: 5/5/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	6,6,6,6
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	(Yes)	No		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	(No)		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4 & 3.2) #12) IL ID illegible

3.7) Coliform will expire < 24hrs

1 - Discuss issue in Case Narrative

2 - Process Sample As-is

3 - Client contacted to discuss problem

4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11 & 11/8/23 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 5/5/23 /All locations, QA137 (COUMI) Lab Ref No 2305-051

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	3	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	90	**±20**	7	**≤ 25**	NC	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	2	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	7	**≤ 25**	72	**≤ 25**	OK	FLAG COUMI J DUE TO FIELD DUPE EXCEEDANCE
Hardness	OK / SM 2340B	NA	**NA**	5	**≤180**	≤1.0 mg/L 1.0 mg/L	97, 104	**±25**	105	**±15**	2 MS 6	**≤ 20**	<1	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	4	**≤28**	≤1.0 mg/L 1.0 mg/L	106	**±25**	112	**±15**	<1	**≤ 20**	20	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	3	**≤28**	≤0.01 mg/L 0.01 mg/L	95	**±25**	105	**±20**	9	**≤ 20**	34	**≤ 20**	OK	FLAG COUMI J DUE TO FIELD DUPE EXCEEDANCE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	17, 21	**≤28**	≤0.1 mg/L 0.1 mg/L	84-117	**±25**	96-111	**±20**	NC, 0-7 D=0-0.1	**≤ 20**	2, D=0.6	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By J. Brown

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 6/11 & 11/8/23 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 5/5/23 /All locations, QA137 (COUMI) Lab Ref No 2305-051

date 8/20/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	4-5	**≤180**	≤1.0 µg/L 1.0 µg/L	99, 101	**±25**	NR	**±15**	D=0.1 MS 2	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	4-5	**≤180**	≤5.0 µg/L 5.0 µg/L	102, 104	**±25**	NR	**±15**	D=0.8 MS 2	**≤ 20**	24	**≤ 20**	OK	NO FLAG FOR FIELD DUPE EXCEEDANCE, OTHER QA OK
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	4	**≤180**	≤1.0 µg/L 1.0 µg/L	88, 87	**±25**	NR	**±15**	D=0.1 MS 1	**≤ 20**	D=0.3	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	4	**≤180**	≤5.0 µg/L 5.0 µg/L	96, 93	**±25**	NR	**±15**	D=0.06 MS 3	**≤ 20**	D=0.8	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	<1	**≤ 35**	153	**≤ 50**	OK	FLAG COUMI J DUE TO FIELD DUPE EXCEEDANCE
6PPD-q	OK/ MLA-118	NA	**NA**	34, 9	**≤14[2], ≤28**	≤0.1 ng/mL 0.1 ng/mL	90	**±30**	SURR 31-46	**30-150[3]**	NR	**<40**	NS	**<50**	OK ICR =88-130 CCV =90	NO FLAG FOR HOLDING TIME EXCEEDANCE, WITHIN LABORATORY LIMIT OF 35 DAYS
PAHs	OK/ EPA 8270E SIM	NA	**NA**	3, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 42-81	**19-127[4]**	54-105	**25-125[4]**	7-16, D=0-0.06	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 4, 2024

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2307-049B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on July 11, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

"This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law."
"The sample(s) to which the findings recorded herein (the "Findings") relate was[were] drawn and [or] provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is[are] said to be extracted."

BATCH SUMMARY

Batch ID: WG86574	***Date:*** 04-Jan-2024
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L39720-1	COUMO-20230711
L39720-2	COUMI-20230711
L39720-3	TOSMO-20230711
L39720-4	TOSMI-20230711

Blank: WG86574-101

Reference or Spike: WG86574-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

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February 2017

www.sgsaxys.com

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 07-049

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other:

Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses	
	COUMO-20230711	7/11/23	10:30	W	2	6PPD-q	L39720-1
	COUMI-20230711	7/11/23	10:50	W	2	6PPD-q	-2
	TOSMO-20230711	7/11/23	11:10	W	2	6PPD-q	-3
	TOSMI-20230711	7/11/23	10:30	W	2	6PPD-q	-4

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by:	OSE	7/12/23	1600	EIM
Received by:	UPS			
Relinquished by:	UPS			
Received by:				
Relinquished by:				
Received by:	RBS	13-JUL-2023	12:30	

SGS AXYS

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230711
Sample Collection:
11-Jun-2023 10:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39720-1
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	13-Jul-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	01-Sep-2023 **Time:** 23:39:17	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_161 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	0.429	0.103 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-1_Form1A_AO3O_161S25_SJ3306400.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230711
Sample Collection:
11-Jun-2023 10:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39720-1
Matrix:	AQUEOUS	**Sample Size:**	0.486 L
Sample Receipt Date:	13-Jul-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	01-Sep-2023 **Time:** 23:39:17	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_161 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	29.3	59.7	6:22

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-1_Form2_AO3O_161S25_SJ3306400.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230711
Sample Collection:
11-Jun-2023 10:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39720-2
Matrix:	AQUEOUS	**Sample Size:**	0.387 L
Sample Receipt Date:	13-Jul-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	01-Sep-2023 **Time:** 23:54:32	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_161 S: 26**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	ND		0.129 (L)	

(1) Where applicable, custom lab flags have been used on this report; ND = not detected at RL.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-2_Form1A_AO3O_161S26_SJ3306401.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230711
Sample Collection:
11-Jun-2023 10:50

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39720-2
Matrix:	AQUEOUS	**Sample Size:**	0.387 L
Sample Receipt Date:	13-Jul-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	01-Sep-2023 **Time:** 23:54:32	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_161 S: 26**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	28.9	58.8	6:22

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-2_Form2_AO3O_161S26_SJ3306401.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230711
Sample Collection:
11-Jun-2023 11:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39720-3
Sample Receipt Date:	13-Jul-2023	**Sample Size:**	0.475 L
Extraction Date:	14-Aug-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Sep-2023 **Time:** 00:09:47	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_161 S: 27**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_161 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_161 S: 20

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	0.604	0.105 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-3_Form1A_AO3O_161S27_SJ3306402.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230711
Sample Collection:
11-Jun-2023 11:10

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39720-3
Matrix:	AQUEOUS	**Sample Size:**	0.475 L
Sample Receipt Date:	13-Jul-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	02-Sep-2023 **Time:** 00:09:47	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_161 S: 27**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20
Concentration Units:	ng absolute		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	30.0	61.0	6:22

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-3_Form2_AO3O_161S27_SJ3306402.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230711
Sample Collection:
11-Jun-2023 10:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L39720-4
Matrix:	AQUEOUS	**Sample Size:**	0.457 L
Sample Receipt Date:	13-Jul-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	02-Sep-2023 **Time:** 00:25:02	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_161 S: 28**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20
Concentration Units:	ng/L		

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	0.603	0.109 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-4_Form1A_AO3O_161S28_SJ3306403.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230711
Sample Collection:
11-Jun-2023 10:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L39720-4
Sample Receipt Date:	13-Jul-2023	**Sample Size:**	0.457 L
Extraction Date:	14-Aug-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Sep-2023 **Time:** 00:25:02	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_161 S: 28**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_161 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_161 S: 20

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	30.4	61.9	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_L39720-4_Form2_AO3O_161S28_SJ3306403.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG86574-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	14-Aug-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	01-Sep-2023 **Time:** 23:24:03	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_161 S: 24**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_161 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_161 S: 20

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		0.120	0.100 (L)	6:25

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_WG86574-101_Form1A_AO3O_161S24_SJ3306399.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG86574-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	14-Aug-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	01-Sep-2023 **Time:** 23:24:03	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_161 S: 24**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_161 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_161 S: 20

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	29.3	59.6	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_WG86574-101_Form2_AO3O_161S24_SJ3306399.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG86574-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	01-Sep-2023 **Time:** 22:53:16	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_161 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.32	86.4	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46; Report Filename: LC_AO_LC_AO118_POS_WG86574-102_Form8A_SJ3306397.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG86574-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	14-Aug-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	01-Sep-2023 **Time:** 22:53:16	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_161 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_161 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_161 S: 20

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	28.5	57.9	6:22

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: LC_AO_LC_AO118_POS_WG86574-102_Form8B_SJ3306397.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS104793.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A
CS1 Data Filename: AO3O_060 S: 19
CS2 Data Filename: AO3O_060 S: 11
CS3 Data Filename: AO3O_060 S: 12
CS4 Data Filename: AO3O_060 S: 13
CS5 Data Filename: AO3O_060 S: 20
CS6 Data Filename: AO3O_060 S: 15
CS7 Data Filename: AO3O_060 S: 16
CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS104793.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS104793.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS104793.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_161 S: 20
Instrument ID:	LC MS/MS	**Analysis Date:**	01-Sep-2023
LC Column ID:	C18	**Analysis Time:**	22:22:30

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:24	5.00	4.40	88.0

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46; Report Filename: GENERIC-SPECS_AO_LC_AO3O_161S20__Form4A_SJ3306395.html; Workgroup: WG86574; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_161 S: 20
Instrument ID:	LC MS/MS	**Analysis Date:**	01-Sep-2023
LC Column ID:	C18	**Analysis Time:**	22:22:30

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:23	49.2	32.1	65.3

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 04-Jan-2024 09:58:04; Application: XMLTransformer-1.18.46; Report Filename: GENERIC-SPECS_AO_LC_AO3O_161S20__Form4B_SJ3306395.html; Workgroup: WG86574; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																																		
OC Pesticides		EPA 625	MLA-007																																		
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007																																		
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007																																		
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270E	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora												Urine		Water, Non-Potable													AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007						Y	Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor	EPA 625	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																										Y	Y	Y			Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																										Y	Y				Y					
OC Pesticides		EPA 8270E	MLA-007							Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Methoxychlor	EPA 608	MLA-007																										Y					Y		Y			
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Mirex	EPA 8270E	MLA-007							Y				Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Oxychlordane	EPA 8270E	MLA-007							Y																													
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	Toxaphene	EPA 8270E	MLA-007																																			
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y														
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007							Y						Y																							
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y										
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y								Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y										
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y		
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																													
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																			
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y														
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y														

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y			
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021							Y					Y	Y			Y	Y			Y		Y					Y						Y			
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Fluorene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Naphthalene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Pyrene	EPA 1625	MLA-021																									Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y					Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																				Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																		
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007						Y																												
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																																		
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																				Y	Y					
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y							
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y		
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																							
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y								
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 101/90/89	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270E	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270E	MLA-007																																			
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																				
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 196/203	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y																				Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270E	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y		Y	Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270E	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270E	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora											Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 7/9	EPA 8270E	MLA-007																																					
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 70/76	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 74/61	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y										

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 83/108	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 85/120	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y										Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y							Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y						Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y											Y										Y								
PCB congeners	PCB 88/121	EPA 8270E	MLA-007																																				
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 95/93	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 97/86	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 98/102	EPA 8270E	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y				

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y											Y							
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y											Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Heptachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Hexachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Nonachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Octachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Pentachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners	Total Trichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y													
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y								Y			Y	Y	Y	Y	Y	
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290A	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y			Y	Y	Y		Y	Y		Y	Y	
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y				Y				Y				
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y							Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y					Y	Y		Y	Y	Y		Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y											Y											Y							

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y													
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y								Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y								Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y			Y	Y		Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y						Y		Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110		Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y										Y		
PFAS		EPA 1633 draft	MLA-110			Y											Y										Y										Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y							Y		Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y								Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y						Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
		EPA 1633 draft	MLA-110									Y										Y										Y						
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y			Y						Y		Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y					Y	Y	Y	Y								Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y										Y		Y					
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y											Y						
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y							
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y							

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		EPA 1633 draft										Y									Y											Y						
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y						Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y										Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																			
PFAS		SGS AXYS MLA-041	MLA-041																																			
PFAS		SGS AXYS MLA-043	MLA-043																																			
PFAS		SGS AXYS MLA-042	MLA-042	Y																																		
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y			Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																								Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																		Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y							Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y				Y			Y	Y		Y						Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y										Y	Y								Y	Y	Y	Y							Y	Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111					Y																	Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

07-049

CHAIN OF CUSTODY

Page 1 of 1

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0711	07/11/23	10:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		10:50	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		11:10	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		11:35	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		12:00 NV	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		~~13:15~~ 13:10	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		13:30	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:15	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		10:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:45	Water	7	X	X	X	X	X	X	X	X	X		
11	COLM-2023		12:20	Water	7	X	X	X	X	X	X	X	X	X		
12	SEIMS-2023		12:30	Water	7	X	X	X	X	X	X	X	X	X		
13	QA138-2023		12:00	Water	7	X	X	X	X	X	X	X	X	X		
14	QA139-2023		13:10	Water	2				X				~~X~~ NV	X		

Relinquished by Nicole VanDutto Date 7/11/23 Received by _____ Date 7/11/23

Firm Herrera Time 1410 Firm OSE Time 1410

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Data Quality Assurance Worksheet

By: N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date: 11/8/23, 1/4/24 Page 1 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JB

Sample Date/Sample ID: 7/11/2023 /All locations, QA138 (TYLMI) Lab Ref No 2307-049

date 11/8/23

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	83	**±20**	D=0.6	**≤ 25**	88	**≤ 25**	OK	FLAG TYLMI J FOR HIGH FIELD DUPE RPD
Turbidity	OK / EPA 180.1	NA	**NA**	<1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	1	**≤ 25**	93	**≤ 25**	OK	FLAG TYLMI J FOR HIGH FIELD DUPE RPD
Hardness	OK / SM 2340B	NA	**NA**	3	**≤180**	≤1.0 mg/L 1.0 mg/L	96, 101	**±25**	98	**±15**	1, MS 2	**≤ 20**	9	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	6	**≤28**	≤1.0 mg/L 1.0 mg/L	112	**±25**	113	**±15**	7	**≤ 20**	D=0.7	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	6	**≤28**	≤0.01 mg/L 0.01 mg/L	96	**±25**	90	**±20**	1	**≤ 20**	D=0.05	**≤ 20**	OK	FLAG TYLMI J FOR HIGH FIELD DUPE DIFFERENCE (D>2*RL)
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	7, 15	**≤28**	≤0.1 mg/L 0.1 mg/L	95-104; 99-102	**±25**	94-97; 98-103	**±20**	NC, <1-3, D=0.07-0.1	**≤ 20**	3, D=0.02	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By: N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date: 11/8/23, 1/4/24 Page 2 of 2

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JB

Sample Date/Sample ID: 7/11/2023 /All locations, QA138 (TYLMI) Lab Ref No 2307-049

date 11/8/23

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	101, 105	**±25**	NR	**±15**	NC, MS 3	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	108, 111	**±25**	NR	**±15**	D=1.7, MS 2	**≤ 20**	2	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤1.0 µg/L 1.0 µg/L	85, 85	**±25**	NR	**±15**	NC, MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	6	**≤180**	≤5.0 µg/L 5.0 µg/L	93, 93	**±25**	NR	**±15**	NC, MS <1	**≤ 20**	NC	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	<1, 4	**≤ 35**	50	**≤ 50**	OK	NONE
6PPD-q	OK/ MLA-118	NA	**NA**	34, 19	**≤14[2], ≤28**	0.12 ng/mL 0.1 ng/mL	87	**±30**	SURR 58-62	**30-150[3]**	NR	**<40**	NS	**<50**	ICR = 88-130 CCV = 88	NO FLAG FOR HOLDING TIME EXCEEDANCE, WITHIN LABORATORY LIMIT OF 35 DAYS. FLAG COUMO, TOSMO, AND TOSMI J FOR MB>RL
PAHs	OK/ EPA 8270E SIM	NA	**NA**	2, <1	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 58-83	**19-127[4]**	58-92	**25-125[4]**	3-17; D=0.04-0.07	**<21-39[4]**	NS	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 29, 2024

John Lenth
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 14-05806-000
Laboratory Reference No. 2309-253B

Dear John:

Enclosed are the analytical results and associated quality control data for samples submitted on September 25, 2023.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,



Blair Goodrow
Project Manager

Enclosures

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

SGS AXYS

2045 Mills Road West
Sidney, BC, Canada V8L5X2

TEL: (250) 655-5800
TOLL-FREE: 1-888-373-0881

SGS AXYS Client No.: 5234

Client Address: On-Site Environmental Inc
14648 NE 95th Street
Redmond, WA, US, 98052

The SGS AXYS contact for these data is Suma Thomas.

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BATCH SUMMARY

Batch ID: WG87397	***Date:*** 29-Jan-2024
Analysis Type: Antiozonants	***Matrix Type:*** Aqueous

BATCH MAKEUP

Contract: 5234

Samples:

L40237-1	COUMO-20230925
L40237-2	COUMI-20230925
L40237-3	TOSMO-20230925
L40237-4	TOSMI-20230925
L40237-5	QA139B-20230925

Blank: WG87397-101

Reference or Spike: WG87397-102

Duplicate:

Comments:

1. Data are considered final.
2. Data are not blank corrected. Blank data should be taken into consideration when evaluating sample data.
3. Blank data should be evaluated against specifications using the same blank sample size as the size of the client samples.

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February 2017

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5234

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 · (425) 883-3881

Laboratory Reference #: 09-253

Laboratory: SGS AXYS Analytical Services Ltd.
Attention: Suma Thomas
2045 Mills Road, Sidney, BC, Canada V8L 5X2
Phone Number: 250-655-5825

Turnaround Request
1 Day 2 Day 3 Day
Standard
Other:

Project Manager: David Baumeister
email: dbaumeister@onsite-env.com
Project Number: 14-05806-000
Project Name:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analyses
	COUMO-20230925 L40237-1	9/25/23	11:30	W	2	6PPD-q
	COUMI-20230925 -2	9/25/23	12:00	W	2	6PPD-q
	TOSMO-20230925 -3	9/25/23	12:20	W	2	6PPD-q
	TOSMI-20230925 -4	9/25/23	11:40	W	2	6PPD-q
	QA139B-20230925 -5	9/25/23	11:30	W	2	6PPD-q

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by: Nichelle Bifshin	OSE	9/26/23	1515	EIM
Received by: Linna Souza	SGS AXYS	28-SEP-23	12:35	
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230925
Sample Collection:
25-Sep-2023 11:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Project No.	14-05806-000		
Contract No.:	5234	**Lab Sample I.D.:**	L40237-1
Matrix:	AQUEOUS	**Sample Size:**	0.489 L
Sample Receipt Date:	28-Sep-2023	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	27-Oct-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	02-Nov-2023 **Time:** 20:45:01	**Column ID:**	C18
Extract Volume (uL):	1000	**Sample Data Filename:**	**AO3O_182 S: 25**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_182 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_182 S: 20
Concentration Units:	ng/L		

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This test is not NELAP accredited. Sample results relate only to the sample tested.

COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	20.0	0.104 (S)	6:23

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L40237-1_Form1A_AO3O_182S25_SJ3335182.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMO-20230925
Sample Collection:
25-Sep-2023 11:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-1
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.489 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 20:45:01	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 25**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.0	38.6	6:21

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L40237-1_Form2_AO3O_182S25_SJ3335182.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230925
Sample Collection:
25-Sep-2023 12:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-2
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.484 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:00:16	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 26**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	2.32	0.103 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Report Filename: LC_AO_LC_AO118_POS_L40237-2_Form1A_AO3O_182S26_SJ3335183.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
COUMI-20230925
Sample Collection:
25-Sep-2023 12:00

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-2
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.484 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:00:16	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 26**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	17.1	34.8	6:22

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L40237-2_Form2_AO3O_182S26_SJ3335183.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230925
Sample Collection:
25-Sep-2023 12:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-3
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.476 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:15:30	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 27**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	13.1	0.106 (S)	6:23

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
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SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMO-20230925
Sample Collection:
25-Sep-2023 12:20

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-3
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.476 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:15:30	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 27**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	18.8	38.3	6:21

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L40237-3_Form2_AO3O_182S27_SJ3335184.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230925
Sample Collection:
25-Sep-2023 11:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-4
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.479 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:30:45	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 28**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	21.1	0.140 (S)	6:23

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Report Filename: LC_AO_LC_AO118_POS_L40237-4_Form1A_AO3O_182S28_SJ3335185.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
TOSMI-20230925
Sample Collection:
25-Sep-2023 11:40

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-4
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.479 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:30:45	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 28**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	18.4	37.4	6:21

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Report Filename: LC_AO_LC_AO118_POS_L40237-4_Form2_AO3O_182S28_SJ3335185.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA139B-20230925
Sample Collection:
25-Sep-2023 11:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-5
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.473 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:46:01	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 29**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone	B	20.9	0.106 (L)	6:24

(1) Where applicable, custom lab flags have been used on this report; B = analyte found in sample and the associated blank.
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Signed: _____Bryan Alonzo_____

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Report Filename: LC_AO_LC_AO118_POS_L40237-5_Form1A_AO3O_182S29_SJ3335186.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
QA139B-20230925
Sample Collection:
25-Sep-2023 11:30

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	14-05806-000
Matrix:	AQUEOUS	**Lab Sample I.D.:**	L40237-5
Sample Receipt Date:	28-Sep-2023	**Sample Size:**	0.473 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 21:46:01	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 29**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

This page is part of a total report that contains information necessary for accreditation compliance.
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LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	16.6	33.8	6:22

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

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Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: LC_AO_LC_AO118_POS_L40237-5_Form2_AO3O_182S29_SJ3335186.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 1A

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG87397-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 20:29:45	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 24**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng/L	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

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COMPOUND	LAB FLAG [1]	CONC. FOUND	REPORTING LIMIT (RL)[2]	RETENTION TIME
6PPD-Quinone		0.178	0.100 (L)	6:23

(1) Where applicable, custom lab flags have been used on this report.
(2) Reporting Limit (Code): S = sample detection limit; M = method detection limit; L = lowest calibration level equivalent; Q = minimum reporting level.

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Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form1A.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: LC_AO_LC_AO118_POS_WG87397-101_Form1A_AO3O_182S24_SJ3335181.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 2

ANALYSIS REPORT

CLIENT SAMPLE NO.
Lab Blank
Sample Collection:
N/A

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Project No.**	N/A
Matrix:	AQUEOUS	**Lab Sample I.D.:**	WG87397-101
Sample Receipt Date:	N/A	**Sample Size:**	0.500 L
Extraction Date:	27-Oct-2023	**Initial Calibration Date:**	08-Mar-2023
Analysis Date:	02-Nov-2023 **Time:** 20:29:45	**Instrument ID:**	LC MS/MS
Extract Volume (uL):	1000	**Column ID:**	C18
Injection Volume (uL):	3	**Sample Data Filename:**	**AO3O_182 S: 24**
Dilution Factor:	N/A	**Blank Data Filename:**	AO3O_182 S: 24
Concentration Units:	ng absolute	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

This page is part of a total report that contains information necessary for accreditation compliance.
This test is not NELAP accredited. Sample results relate only to the sample tested.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC.	CONC. FOUND	R(%) [2]	RETENTION TIME
d5-6PPD-Quinone		49.2	19.8	40.2	6:21

(1) Where applicable, custom lab flags have been used on this report.
(2) R(%) = percent recovery.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form2.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: LC_AO_LC_AO118_POS_WG87397-101_Form2_AO3O_182S24_SJ3335181.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8A
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG87397-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	27-Oct-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	02-Nov-2023 **Time:** 19:59:15	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_182 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_182 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
6PPD-Quinone		5.00	4.69	93.9	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8A.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: LC_AO_LC_AO118_POS_WG87397-102_Form8A_SJ3335179.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 8B
ONGOING PRECISION AND RECOVERY (OPR)

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Contract No.:	5234	**Lab Sample I.D.:**	WG87397-102
Matrix:	AQUEOUS	**Initial Calibration Date:**	08-Mar-2023
Extraction Date:	27-Oct-2023	**Instrument ID:**	LC MS/MS
Analysis Date:	02-Nov-2023 **Time:** 19:59:15	**Column ID:**	C18
Extract Volume (uL):	1000	**OPR Data Filename:**	**AO3O_182 S: 22**
Injection Volume (uL):	3	**Blank Data Filename:**	AO3O_182 S: 24
Dilution Factor:	N/A	**Cal. Ver. Data Filename:**	AO3O_182 S: 20

ALL CONCENTRATIONS REPORTED ON THIS FORM ARE CONCENTRATIONS IN EXTRACT, BASED ON A 1 mL EXTRACT VOLUME.

LABELED COMPOUND	LAB FLAG [1]	SPIKE CONC. (ng/mL)	CONC. FOUND (ng/mL)	% RECOVERY	RETENTION TIME
d5-6PPD-Quinone		49.2	20.7	42.2	6:22

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

These pages are part of a larger report that may contain information necessary for full data evaluation. Results reported relate only to the sample tested.

For Axys Internal Use Only [XSL Template: FC-Form8B.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: LC_AO_LC_AO118_POS_WG87397-102_Form8B_SJ3335179.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3A
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERY (%)								
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
6PPD-Quinone			99.6	113	130	100	88.8	90.0	90.7	87.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3A.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3A_GS105815.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3B
LC MS/MS INITIAL CALIBRATION PERCENT RECOVERIES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		PERCENT RECOVERIES (%)								
LABELED COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**
d5-6PPD-Quinone			100	100	96.2	103	98.7	103	102	95.7

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3B.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3B_GS105815.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3C
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
COMPOUND	**LAB FLAG [1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
6PPD-Quinone			6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26	6:26

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3C.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3C_GS105815.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 3D
LC MS/MS INITIAL CALIBRATION RETENTION TIMES

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date: 08-Mar-2023

Instrument ID: LC MS/MS

LC Column ID: C18

CS0 Data Filename: N/A

CS1 Data Filename: AO3O_060 S: 19

CS2 Data Filename: AO3O_060 S: 11

CS3 Data Filename: AO3O_060 S: 12

CS4 Data Filename: AO3O_060 S: 13

CS5 Data Filename: AO3O_060 S: 20

CS6 Data Filename: AO3O_060 S: 15

CS7 Data Filename: AO3O_060 S: 16

CS8 Data Filename: AO3O_060 S: 17

		RETENTION TIMES									
LABELED COMPOUND	**LAB FLAG[1]**	**CS0**	**CS1**	**CS2**	**CS3**	**CS4**	**CS5**	**CS6**	**CS7**	**CS8**	**MEAN RT**
d5-6PPD-Quinone			6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24	6:24

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Jordan Berends_____

For Axys Internal Use Only [XSL Template: FC-Form3D.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47;
Report Filename: GENERIC-SPECS_AO_LC_08-Mar-2023_AO3O__Form3D_GS105815.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4A
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_182 S: 20
Instrument ID:	LC MS/MS	**Analysis Date:**	02-Nov-2023
LC Column ID:	C18	**Analysis Time:**	19:28:29

COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
6PPD-Quinone		6:23	5.00	5.38	108

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4A.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47; Report Filename: GENERIC-SPECS_AO_LC_AO3O_182S20__Form4A_SJ3335177.html; Workgroup: WG87397; Design ID: 4848]

SGS AXYS METHOD MLA-118 Rev 01

Form 4B
LC MS/MS CALIBRATION VERIFICATION

SGS AXYS ANALYTICAL SERVICES
2045 MILLS RD., SIDNEY, B.C., CANADA
V8L 5X2 TEL (250) 655-5800 FAX (250) 655-5811

Initial Calibration Date:	08-Mar-2023	**VER Data Filename:**	AO3O_182 S: 20
Instrument ID:	LC MS/MS	**Analysis Date:**	02-Nov-2023
LC Column ID:	C18	**Analysis Time:**	19:28:29

LABELED COMPOUND	LAB FLAG [1]	RETENTION TIME	EXPECTED CONC. (ng)	CONC. FOUND (ng)	RECOVERY (%)
d5-6PPD-Quinone		6:22	49.2	26.4	53.6

(1) Where applicable, custom lab flags have been used on this report.

These data are validated and reported as accurate and in accord with SGS AXYS Analytical Services Ltd. ISO17025 compliant quality assurance processes.

Signed: _____Bryan Alonzo_____

For Axys Internal Use Only [XSL Template: FC-Form4B.xsl; Created: 29-Jan-2024 11:01:20; Application: XMLTransformer-1.18.47; Report Filename: GENERIC-SPECS_AO_LC_AO3O_182S20__Form4B_SJ3335177.html; Workgroup: WG87397; Design ID: 4848]

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids													Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
BFR	BTBPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	DBDPE	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	HBB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
BFR	PBEB	SGS AXYS MLA-033	MLA-033					Y											Y						Y													
Bisphenols	Bisphenol A	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol AF	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol B	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol E	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol F	SGS AXYS MLA-113	MLA-113					Y																	Y													
Bisphenols	Bisphenol S	SGS AXYS MLA-113	MLA-113					Y																	Y													
BPA and MPE	4,4'-dihydroxy-2,2-diphenylpropane (Bisphenol A) (BPA)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-oxohexyl) phthalate (MEOHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(3-carboxypropyl) phthalate (MCPP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-2-ethylhexyl phthalate (MEHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-benzyl phthalate (MBzP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-butyl phthalate (MBP) (n + iso)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-cyclohexyl phthalate (MCHP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-ethyl phthalate (MEP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-iso-nonyl phthalate (MiNP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-methyl phthalate (MMP)	SGS AXYS MLA-059	MLA-059																					Y													
BPA and MPE	Mono-(2-ethyl-5-carboxypentyl) phthalate (MECPP)	SGS AXYS MLA-059	MLA-059																																		
OC Pesticides	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 608	MLA-007																																		
OC Pesticides		EPA 625	MLA-007																																		
OC Pesticides	"Organochlorine Pesticides" category (CA only)	EPA 8081B	MLA-007																																		
OC Pesticides	"Pesticides" category (CA only)	EPA 8270E	MLA-007																																		
OC Pesticides	2,4'-DDD	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDE	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	2,4'-DDT	EPA 625	MLA-007																											Y							
OC Pesticides		EPA 8270E	MLA-007							Y						Y																					
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDD	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDE	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	4,4'-DDT	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y	
OC Pesticides	Aldrin	EPA 625	MLA-007																										Y	Y	Y			Y		Y	
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y							
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Alpha-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Beta-HCH	EPA 625	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Chlordane, technical	EPA 8270E	MLA-007							Y	Y			Y	Y															Y	Y			Y		Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007							Y																				Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228																											Y								
OC Pesticides	cis-Chlordane (alpha-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	cis-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Delta-HCH	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Dieldrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan I	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan II	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endosulphan sulphate	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y								
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y						Y	Y		
OC Pesticides	Endrin aldehyde	EPA 608	MLA-007																										Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y															Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Endrin ketone	EPA 8081B	MLA-007						Y	Y				Y		Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Gamma-HCH (Lindane)	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor	EPA 625	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8270E	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Heptachlor epoxide	EPA 608	MLA-007																									Y	Y	Y			Y		Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Hexachlorobenzene	EPA 1625	MLA-007																									Y	Y				Y				
OC Pesticides		EPA 8270E	MLA-007							Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y						Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228							Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Methoxychlor	EPA 608	MLA-007																											Y					Y		
OC Pesticides		EPA 8081B	MLA-007						Y	Y	Y			Y	Y	Y																						
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Mirex	EPA 8270E	MLA-007							Y				Y		Y														Y	Y			Y		Y		
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Oxychlordane	EPA 8270E	MLA-007							Y																												
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	Toxaphene	EPA 8270E	MLA-007																																		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y												Y					Y													
OC Pesticides	trans-Chlordane (gamma-Chlordane)	EPA 8270E	MLA-007							Y	Y			Y		Y														Y	Y			Y				
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y					Y					Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
OC Pesticides	trans-Nonachlor	EPA 8270E	MLA-007							Y						Y														Y								
OC Pesticides		EPA 1699	MLA-028							Y										Y										Y									
OC Pesticides		SGS AXYS MLA-028	MLA-028	Y				Y		Y						Y			Y	Y					Y					Y							Y		
OC Pesticides		SGS AXYS MLA-007	MLA-007					Y		Y										Y										Y									
OC Pesticides		SGS AXYS MLA-228	MLA-228					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y	Y	
PAH	"Extractable Organics" category (CA only)	EPA 8270E	MLA-021						Y																												
PAH	"Semi-volatile Organic Compounds" category (CA only)	EPA 1625	MLA-021																																		
PAH	1,2,6-Trimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y												
PAH	1,2-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y												
PAH	1,4,6,7-Tetramethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y												
PAH	1,7-Dimethylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y												

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	1,7-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1,8-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	1-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,5-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,3,6-Trimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,4-Dimethyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylnaphthalene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylanthracene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylfluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	2-Methylnaphthalene	EPA 8270E	MLA-021							Y				Y						Y										Y									
PAH		SGS AXYS MLA-021	MLA-021					Y							Y	Y			Y	Y			Y		Y					Y						Y		
PAH	2-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3,6-Dimethylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methyldibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylfluoranthene/ Benzo(a)fluorene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	3-Methylphenanthrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5,9-Dimethylchrysene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	5/6-Methylchrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	7-Methylbenzo(a)pyrene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	9/4-Methylphenanthrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Acenaphthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Acenaphthylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benz[a]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[a]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[b]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[e]pyrene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[ghi]perylene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y					Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Benzo[j/k]fluoranthenes	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Benzo[k]fluoranthene	EPA 1625	MLA-021																										Y	Y	Y				Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y						Y																			
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y						Y						Y		
PAH	Biphenyl	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Acenaphthenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benz(a)anthracenes/chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C1-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Benzofluoranthenes/ Benzopyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Biphenyls	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													

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				Serum	Solids														Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PAH	C2-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C2-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Fluorenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C3-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Benz(a)anthracenes/Chrysenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Fluoranthenes/Pyrenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Naphthalenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	C4-Phenanthrenes/Anthracenes	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Chrysene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzo[a,h]anthracene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Dibenzothiophene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PAH	Fluoranthene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Fluorene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Indeno[1,2,3-cd]pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Naphthalene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Perylene	SGS AXYS MLA-021	MLA-021					Y												Y					Y													
PAH	Phenanthrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021						Y	Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Pyrene	EPA 1625	MLA-021																										Y	Y					Y		Y		
PAH		EPA 8270E	MLA-021							Y	Y			Y	Y						Y																		
PAH		SGS AXYS MLA-021	MLA-021					Y		Y					Y	Y			Y	Y			Y		Y					Y							Y		
PAH	Retene	SGS AXYS MLA-021	MLA-021					Y																	Y													
PBDPE	BDE 10 2,6-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 100 2,2',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 105 2,3,3',4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 11 3,3'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 116 2,3,4,5,6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 119 2,3',4,4',6-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 12 3,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 126 3,3',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 13 3,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 140 2,2',3,4,4',6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 15 4,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 153 2,2',4,4',5,5'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													
PBDPE	BDE 154 2,2',4,4',5',6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					Y		
PBDPE		SGS AXYS MLA-033	MLA-033					Y												Y					Y													

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PBDPE	BDE 155 2,2',4,4',6,6'-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 166 2,3,4,4',5,6-hexabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 17 2,2',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 181 2,2',3,4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 183 2,2',3,4,4',5',6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 190 2,3,3',4,4',5,6-heptabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 206 2,2',3,3',4,4',5,5',6-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 207 2,2',3,3',4,4',5,6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 208 2,2',3,3',4,5,5',6,6'-nonabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 209 Decabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 25 2,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 28 2,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 30 2,4,6-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 33 2',3,4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 35 3,3',4-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 37 3,4,4'-tribromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 47 2,2',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 49 2,2',4,5'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 66 2,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 7 2,4-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 75 2,4,4',6-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 77 3,3',4,4'-tetrabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 8 2,4'-dibromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 85 2,2',3,4,4'-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PBDPE	BDE 99 2,2',4,4',5-pentabromodiphenylether	EPA 1614	MLA-033													Y																					
PBDPE		SGS AXYS MLA-033	MLA-033				Y											Y							Y												
PCB Aroclors	"Organochlorine Pesticides and PCBs" category (CA only)	EPA 625	MLA-007																																		
PCB Aroclors	"PCBs" category (CA only)	EPA 8270E	MLA-007						Y																												
PCB Aroclors	PCB Aroclor 1016	EPA 1668	MLA-010							Y	Y																			Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1016/1242	EPA 8270E	MLA-007																																		
PCB Aroclors	PCB Aroclor 1221	EPA 1668	MLA-010							Y	Y																			Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y							
PCB Aroclors		SGS AXYS MLA-007	MLA-007				Y			Y								Y							Y						Y						
PCB Aroclors	PCB Aroclor 1232	EPA 1668	MLA-010							Y	Y																			Y	Y						
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y	
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																						

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				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1242	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1248	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1254	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1260	EPA 1668	MLA-010							Y	Y																			Y	Y								
PCB Aroclors		EPA 625	MLA-007																										Y	Y	Y			Y		Y			
PCB Aroclors		EPA 8270E	MLA-007						Y	Y				Y	Y																								
PCB Aroclors		SGS AXYS MLA-010	MLA-010							Y																				Y									
PCB Aroclors		SGS AXYS MLA-007	MLA-007					Y		Y									Y						Y					Y									
PCB Aroclors	PCB Aroclor 1268	SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 1 2-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 10 2,6-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 100 2,2',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101 2,2',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 101/90/89	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 102 2,2',4,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 103 2,2',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 104 2,2',4,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y								Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105 2,3,3',4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 105/127	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 106 2,3,3',4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107 2,3,3',4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 107/109	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 108 2,3,3',4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 109 2,3,3',4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 11 3,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 110 2,3,3',4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111 2,3,3',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 111/117	EPA 8270E	MLA-007																																				
PCB congeners	PCB 112 2,3,3',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 113 2,3,3',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 114 2,3,4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 115 2,3,4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 116 2,3,4,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 117 2,3,4',5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118 2,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 118/106	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners	PCB 119 2,3',4,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12 3,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 12/13	EPA 8270E	MLA-007																																		
PCB congeners	PCB 120 2,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 121 2,3',4,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 122 2,3,3',4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 123 2,3',4,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y					Y			Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 124 2,3',4',5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y						Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 125 2,3',4',5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y			Y	Y					Y					Y							Y	

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				Serum	Solids												Tissue and Tissue Flora												Urine		Water		Water, Non-Potable													AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y								Y						Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 126 3,3',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 127 3,3',4,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 128 2,2',3,3',4,4'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 129 2,2',3,3',4,5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 13 3,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 130 2,2',3,3',4,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y					Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 131/142	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 132 2,2',3,3',4,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 132/168	EPA 8270E	MLA-007																																					
PCB congeners	PCB 133 2,2',3,3',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 134 2,2',3,3',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y										
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 134/143	EPA 8270E	MLA-007																																					
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 135 2,2',3,3',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 136 2,2',3,3',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 137 2,2',3,4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138 2,2',3,4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 138/163/164	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 139 2,2',3,4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 14 3,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 140 2,2',3,4,4',6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 141 2,2',3,4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 142 2,2',3,4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 143 2,2',3,4,5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 144 2,2',3,4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y							Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 144/135	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 145 2,2',3,4,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 146 2,2',3,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 147 2,2',3,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 148 2,2',3,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149 2,2',3,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 149/139	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 15 4,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 150 2,2',3,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 151 2,2',3,5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 152 2,2',3,5,6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y									Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y											Y									
PCB congeners	PCB 153 2,2',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y									Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y							
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		

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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 154 2,2',4,4',5,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 155 2,2',4,4',6,6'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 156 2,3,3',4,4',5-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 157 2,3,3',4,4',5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158 2,3,3',4,4',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 158/160	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 159 2,3,3',4,5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007																						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16 2,2',3-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 16/32	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 160 2,3,3',4,5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 161 2,3,3',4,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 162 2,3,3',4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 163 2,3,3',4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 164 2,3,3',4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 165 2,3,3',5,5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 166 2,3,4,4',5,6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 167 2,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 168 2,3',4,4',5',6-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 169 3,3',4,4',5,5'-Hexachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y																				
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 17 2,2',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170 2,2',3,3',4,4',5-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 170/190	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 171 2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 172 2,2',3,3',4,5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y				Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									

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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 172/192	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 173 2,2',3,3',4,5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174 2,2',3,3',4,5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 174/181	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners	PCB 175 2,2',3,3',4,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 176 2,2',3,3',4,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 177 2,2',3,3',4,5',6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 178 2,2',3,3',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 179 2,2',3,3',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 18 2,2',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y										
PCB congeners	PCB 180 2,2',3,4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y															
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 181 2,2',3,4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 182 2,2',3,4,4',5,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 183 2,2',3,4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 184 2,2',3,4,4',6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 185 2,2',3,4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 186 2,2',3,4,5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187 2,2',3,4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 187/182	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 188 2,2',3,4',5,6,6'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 189 2,3,3',4,4',5,5'-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 19 2,2',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 190 2,3,3',4,4',5,6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 191 2,3,3',4,4',5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 192 2,3,3',4,5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 193 2,3,3',4',5,5',6-Heptachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 194 2,2',3,3',4,4',5,5'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																			
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 195 2,2',3,3',4,4',5,6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196 2,2',3,3',4,4',5,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 196/203	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 197 2,2',3,3',4,4',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 198 2,2',3,3',4,5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 199 2,2',3,3',4,5,5',6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y				Y	Y	Y	Y		

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 2 3-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 20 2,3,3'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 200 2,2',3,3',4,5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 201 2,2',3,3',4,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 202 2,2',3,3',5,5',6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 203 2,2',3,4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 204 2,2',3,4,4',5,6,6'-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 205 2,3,3',4,4',5,5',6-Octachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 206 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 207 2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y						Y								Y				Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y						Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 208 2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y		Y								Y				Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 209 Decachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 21 2,3,4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 22 2,3,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23 2,3,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 23/34	EPA 8270E	MLA-007																																				
PCB congeners	PCB 24 2,3,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 24/27	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 25 2,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 26 2,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 27 2,3',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 28 2,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 29 2,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y	Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 3 4-Chlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 30 2,4,6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 31 2,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 32 2,4',6-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33 2,3',4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 33/20/21	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y														
PCB congeners	PCB 34 2,3',5'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 35 3,3',4-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 36 3,3',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 37 3,4,4'-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 38 3,4,5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 39 3,4',5-Trichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y		Y								Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y		Y								Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCB 4 2,2'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 4/10	EPA 8270E	MLA-007																																				
PCB congeners	PCB 40 2,2',3,3'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41 2,2',3,4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 41/71/64/68	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 42 2,2',3,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 42/59	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 43 2,2',3,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 44 2,2',3,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 45 2,2',3,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 46 2,2',3,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47 2,2',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 47/48/75	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 48 2,2',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49 2,2',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 49/43	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 5 2,3-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 50 2,2',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 51 2,2',4,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52 2,2',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 52/73	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007																Y						Y														
PCB congeners	PCB 53 2,2',5,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 54 2,2',6,6'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 55 2,3,3',4-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56 2,3,3',4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 56/60	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007							Y									Y						Y														
PCB congeners	PCB 57 2,3,3',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 58 2,3,3',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 59 2,3,3',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 6 2,3'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 60 2,3,4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 61 2,3,4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62 2,3,4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 62/65	EPA 8270E	MLA-007																																				
PCB congeners	PCB 63 2,3,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 64 2,3,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 65 2,3,5,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y	Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 66/80	EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y														
PCB congeners	PCB 67 2,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 68 2,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 69 2,3',4,6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																				
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7 2,4-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 7/9	EPA 8270E	MLA-007																																			
PCB congeners	PCB 70 2,3',4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 70/76	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 71 2,3',4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 72 2,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 73 2,3',5',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74 2,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 74/61	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners	PCB 75 2,4,4',6-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 76 2,3',4',5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 77 3,3',4,4'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y					Y															
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 78 3,3',4,5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y			Y	Y	Y	Y	Y		
PCB congeners		EPA 1628	MLA-908							Y										Y										Y									
PCB congeners	PCB 79 3,3',4,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y		
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y				Y						Y									
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y									

Accreditation Scope

SGS AXYS Analytical Services Ltd.
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				Serum	Solids												Tissue and Tissue Flora						Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y						Y		Y							Y						Y		
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 8 2,4'-Dichlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 8/5	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 80 3,3',5,5'-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 81 3,4,4',5-Tetrachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 82 2,2',3,3',4-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 83 2,2',3,3',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 83/108	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 84 2,2',3,3',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 85 2,2',3,4,4'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 85/120	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 86 2,2',3,4,5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 87 2,2',3,4,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 87/115/116	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 88 2,2',3,4,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y		Y				Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y			Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y											Y									Y								
PCB congeners	PCB 88/121	EPA 8270E	MLA-007																																		
PCB congeners	PCB 89 2,2',3,4,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y					Y		Y							Y	Y		Y	Y	Y	Y	Y	

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 9 2,5-Dichlorobiphenyl	EPA 1668	MLA-010							Y			Y	Y	Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 90 2,2',3,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 91 2,2',3,4',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 92 2,2',3,5,5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 93 2,2',3,5,6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 94 2,2',3,5,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95 2,2',3,5',6-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 95/93	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 96 2,2',3,6,6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97 2,2',3,4',5'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 97/86	EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners	PCB 98 2,2',3,4',6'-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB 98/102	EPA 8270E	MLA-007																																			
PCB congeners	PCB 99 2,2',4,4',5-Pentachlorobiphenyl	EPA 1668	MLA-010							Y	Y		Y	Y	Y	Y				Y			Y							Y	Y		Y	Y	Y	Y	Y	
PCB congeners		EPA 8270E	MLA-007																																			
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y		Y									Y	Y					Y					Y								
PCB congeners		SGS AXYS MLA-007	MLA-007					Y											Y						Y													
PCB congeners		SGS AXYS MLA-901	MLA-901	Y																																		
PCB congeners		SGS AXYS MLA-210	MLA-210					Y		Y						Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y				Y			Y							Y				Y	Y	Y	Y	Y	
PCB congeners		EPA 1628	MLA-908							Y										Y										Y								
PCB congeners	PCB congeners, total	EPA 1668	MLA-010											Y																					Y			

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SGS AXYS Analytical Services Ltd.
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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCB congeners	PCBs, as congeners	EPA 1668	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-010	MLA-010																	Y																	
PCB congeners		SGS AXYS MLA-210	MLA-210							Y										Y										Y							
PCB congeners		SGS AXYS MLA-908	MLA-908							Y										Y										Y							
PCB congeners	Total Dichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Heptachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Hexachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Monochlorobiphenyls	SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Nonachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Octachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Pentachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Polychlorinated biphenyls	SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners	Total Tetrachlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners	Total Trichlorobiphenyls	EPA 8270E	MLA-007																																		
PCB congeners		SGS AXYS MLA-010	MLA-010	Y				Y												Y					Y												
PCB congeners		SGS AXYS MLA-007	MLA-007					Y												Y					Y												
PCB congeners		SGS AXYS MLA-210	MLA-210					Y								Y					Y		Y							Y				Y	Y	Y	Y	Y
PCB congeners		SGS AXYS MLA-908	MLA-908							Y					Y	Y					Y		Y							Y				Y	Y	Y	Y	Y
PCDDF	"Dioxins and Dibenzofurans" category (CA only)	EPA 1613	MLA-017																																		
PCDDF		EPA 8290A	MLA-017																																		
PCDDF	1,2,3,4,6,7,8-HpCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y		Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,6,7,8-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y		Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8,9-HpCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y		Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y		Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,4,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y							Y		Y	Y	Y		Y	Y		Y	Y
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y				Y			Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y										Y	Y				Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y						Y				Y	Y		Y	Y	Y		Y				Y				Y		Y	Y
PCDDF		ATM 16130	MLA-217							Y										Y											Y							

Accreditation Scope

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				Serum	Solids												Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF	1,2,3,6,7,8-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8,9-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	1,2,3,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,6,7,8-HxCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,4,7,8-PeCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	2,3,7,8-TCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF	2,3,7,8-TCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDD	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	OCDF	EPA 1613	MLA-017		Y					Y						Y				Y						Y			Y	Y	Y		Y	Y	Y	Y		
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y	Y	Y					Y		Y	Y			Y				Y				Y		Y		
PCDDF		SGS AXYS MLA-017	MLA-017	Y				Y		Y									Y	Y					Y						Y							
PCDDF		SGS AXYS MLA-217	MLA-217					Y		Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y	Y	
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HpCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y								
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y											Y							
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y					Y			Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y											Y							
PCDDF	Total HxCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							

Accreditation Scope

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				Serum	Solids											Tissue and Tissue Flora						Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y				Y	Y		Y	Y		Y	Y				Y					Y		Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PCDD	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDD/F	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PCDF	EPA 1613	MLA-017		Y																					Y												
PCDDF		EPA 8290A	MLA-017		Y																					Y												
PCDDF	Total PeCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total PeCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDD	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PCDDF	Total TCDF	EPA 1613	MLA-017		Y					Y										Y						Y			Y	Y	Y							
PCDDF		EPA 8290A	MLA-017		Y					Y	Y		Y		Y					Y		Y	Y			Y				Y						Y		
PCDDF		SGS AXYS MLA-017	MLA-017							Y										Y										Y								
PCDDF		SGS AXYS MLA-217	MLA-217							Y					Y					Y		Y	Y			Y				Y					Y	Y		
PCDDF		ATM 16130	MLA-217							Y										Y										Y								
PFAS	"Per- and Polyfluorinated Alkyl Substances (PFAS)" category (CA only)	DoD QSM Version 5.1 (or new	MLA-110																																		
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y				Y				Y	Y	
PFAS	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	SGS AXYS MLA-110	MLA-110			Y				Y		Y				Y	Y			Y	Y						Y									Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y									Y	Y								Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110		Y	Y	Y			Y		Y	Y			Y	Y	Y		Y	Y	Y	Y			Y	Y	Y				Y				Y	Y	
PFAS	4,8-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y	Y								Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y											Y										Y									Y		
PFAS		EPA 1633 draft	MLA-110			Y											Y										Y									Y		
PFAS	4:2 Fluorotelomersulfonate (4:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y				Y				Y	Y	
PFAS	6:2 Fluorotelomersulfonate (6:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	8:2 Fluorotelomersulfonate (8:2 FTS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y						Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y										Y	Y									Y	Y								Y	Y
PFAS	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SGS AXYS MLA-110	MLA-110			Y				Y						Y				Y							Y								Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	Dodecafluoro-3H-4,8-dioxanonanoate (NaDONA)	SGS AXYS MLA-110	MLA-110	Y				Y											Y						Y												
PFAS		EPA 1633 draft	MLA-110									Y										Y											Y					
PFAS	Hexafluoropropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y								Y	Y			Y					Y		Y									Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y							Y		
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y							Y	Y	
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y			Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y			Y	Y	
PFAS	Hexafluoropropylene oxide dimer acid, anion and acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110			Y	Y										Y	Y									Y	Y								Y	Y	
PFAS	Hexaflurorpropylene oxide dimer acid (HFPO-DA)	SGS AXYS MLA-110	MLA-110	Y						Y		Y								Y	Y									Y		Y						
PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SGS AXYS MLA-110	MLA-110							Y										Y										Y								
PFAS		DoD QSM Version 5.3	MLA-110						Y																					Y								
PFAS		DoD QSM Version 5.4	MLA-110						Y																					Y								

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				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable												AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
		EPA 1633 draft										Y									Y											Y							
PFAS	N-Ethylperfluorooctanesulfonamide (N-EtFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y								Y	Y	Y	Y						Y			Y	Y								Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y											Y									Y	Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y						Y	Y	Y	Y	Y					Y	Y	Y	Y		Y							Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y			Y								Y									Y	Y		Y									Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorobutanoate (PFBA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y			Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorodecanoate (PFDA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y		Y						Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y						Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	Y
PFAS		DoD QSM Version 5.3	MLA-110			Y											Y										Y											Y	
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y										Y	Y									Y	Y										Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y					Y	Y	Y
PFAS	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-060	MLA-060																																				
PFAS		SGS AXYS MLA-041	MLA-041																																				
PFAS		SGS AXYS MLA-043	MLA-043																																				
PFAS		SGS AXYS MLA-042	MLA-042	Y																																			
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y	Y	Y						Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y
PFAS	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y						Y	Y		Y	Y					Y		Y			Y							Y		
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y								Y	Y	Y	Y									Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y	Y									Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y				Y	Y	Y	Y		Y		Y	Y				Y	Y	Y

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Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine		Water, Non-Potable												AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorononanoate (PFNA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonamide (PFOSA), a.k.a. FOSA	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y				Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y				Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110										Y																				Y				Y	Y
PFAS	Perfluorooctanoate (PFOA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS		DoD AFFF01 Rev 1.0	MLA-110																																	Y	Y
PFAS	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y		Y	Y	Y	Y				Y			Y	Y		Y					Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y								Y	Y						Y	Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y								Y	Y									Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y			Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		

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				Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable											AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-060	MLA-060																																		
PFAS		SGS AXYS MLA-041	MLA-041																																		
PFAS		SGS AXYS MLA-043	MLA-043																																		
PFAS		SGS AXYS MLA-042	MLA-042	Y																																	
PFAS		SGS AXYS MLA-110	MLA-110	Y		Y		Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y		Y							Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y		Y							Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	4,4,5,5,6,6,6-heptafluorohexanoic acid (3:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-3-methoxypropanoic acid (PFMPA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro-4-methoxybutanoic acid (PFMBA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PFAS	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SGS AXYS MLA-110	MLA-110	Y		Y	Y	Y		Y					Y	Y	Y	Y	Y					Y		Y	Y		Y							Y	Y	
PFAS		DoD QSM Version 5.3	MLA-110		Y	Y	Y									Y	Y								Y	Y	Y	Y								Y	Y
PFAS		DoD QSM Version 5.4	MLA-110			Y	Y									Y	Y									Y	Y	Y								Y	Y
PFAS		EPA 1633 draft	MLA-110	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y			Y	Y	Y
PPCP	1,7-Dimethylxanthine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	10-hydroxy-amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	2-hydroxy-ibuprofen	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrochlortetracycline (EACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epianhydrotetracycline (EATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epichlortetracycline (ECTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epioxytetracycline (EOTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	4-Epitetracycline (ETC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Acetaminophen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Albuterol	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Alprazolam	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amitriptyline	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amlodipine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Amphetamine	SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrochlortetracycline (ACTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													
PPCP	Anhydrotetracycline (ATC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																Y													

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP	Atenolol	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Atorvastatin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Azithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benzoylecgonine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Benztropine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Betamethasone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Bisphenol A	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Caffeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbadox	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Carbamazepine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cefotaxime	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Chlortetracycline (CTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cimetidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ciprofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clarithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clinafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Clonidine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cloxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cocaine	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Codeine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Cotinine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	DEET (N,N-diethyl-m-toluamide)	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Dehydronifedipine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Demeclocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Desmethyldiltiazem	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diazepam	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxigenin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Digoxin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diltiazem	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Diphenhydramine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Doxycycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enalapril	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Enrofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Erythromycin anydrate	EPA 1694	MLA-075								Y																				Y						
PPCP	Flumequine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluocinonide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluoxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Fluticasone propionate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Furosemide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Gemfibrozil	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glipizide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Glyburide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrochlorothiazide	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocodone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Hydrocortisone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Ibuprofen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Isochlortetracycline (ICTC)	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine	Water	Water, Non-Potable									AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lincomycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Lomefloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Meprobamate	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metformin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Methylprednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Metoprolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Miconazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Minocycline	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Naproxen	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norfluoxetine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norgestimate	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Norverapamil	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ofloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ormetoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxacillin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxolinic acid	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxycodone	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Oxytetracycline (OTC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Paroxetine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin G	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Penicillin V	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisolone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Prednisone	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Promethazine	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propoxyphene	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Propranolol	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Ranitidine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Roxithromycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sarafloxacin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sertraline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Simvastatin	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfachloropyridazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadiazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfadimethoxine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamerazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethazine	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethizole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfamethoxazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfanilamide	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Sulfathiazole	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Tetracycline (TC)	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Theophylline	SGS AXYS MLA-075	MLA-075					Y																	Y												
PPCP	Thiabendazole	EPA 1694	MLA-075								Y																				Y						

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

				Serum	Solids												Tissue and Tissue Flora							Urine		Water, Non-Potable										AFFF	
Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trenbolone acetate	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triamterene	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclocarban	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Triclosan	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Trimethoprim	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Tylosin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Valsartan	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Verapamil	SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Virginiamycin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
PPCP	Warfarin	EPA 1694	MLA-075								Y																				Y						
PPCP		SGS AXYS MLA-075	MLA-075				Y																		Y												
TOP	Perfluorobutanesulfonate (PFBS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorobutanoate (PFBA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanesulfonate (PFDS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorodecanoate (PFDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanesulfonate (PFDoS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorododecanoate (PFDoA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanesulfonate (PFHpS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroheptanoate (PFHpA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanesulfonate (PFHxS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorohexanoate (PFHxA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanesulfonate (PFNS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorononanoate (PFNA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanesulfonate (PFOS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorooctanoate (PFOA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanesulfonate (PFPeS)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoropentanoate (PFPeA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotetradecanoate (PFTeDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluorotridecanoate (PFTrDA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
TOP	Perfluoroundecanoate (PFUnA)	SGS AXYS MLA-111	MLA-111				Y																		Y												
Note *	Analysis of pesticides and PCBs in non-potable water samples by SGS AXYS method MLA-007, with the exception of NPDES or State permitted discharges and Stormwater applications, may fall within the scope of Washington State Department of Ecology solids matrix accreditation, subject to approval of the Ecology Project Manager.																																				
Note **	PFAS by LC-MS/MS compliant with US DoD QSM 5.3 table B-15 and US DoD QSM 5.4 table B-24																																				

Legend

Y	Accreditation scope
AFFF	Aqueous film forming foam
BFR	Brominated flame retardants (non-PBDPE)
BPA and mPE	Bisphenol A and mono-Phthalate Esters
OC Pesticides	Organochlorine Pesticides
PAH	Polycyclic Aromatic Hydrocarbons
PBDPE	Polybrominated diphenylethers
PCB	Polychlorinated Biphenyls
PCDDF	Polychlorinated dibenzodioxins/furans
PFAS	Per- and Polyfluoroalkyl Substances
PPCP	Pharmaceutical and Personal Care Products
TOP	Total Oxidizable Precursors
California WB	California Water Boards, Lab ID 2911
Florida DOH	Florida Department of Health, Lab ID E871007, (NELAC Standard)
Pennsylvania DEP	Pennsylvania Department of Environmental Protection
Minnesota DOH	Minnesota Department of Health, Lab ID 232-999-430, (NELAC Standard)
New Jersey DEP	New Jersey Department of Environmental Protection, Lab ID CANA005, (NELAC Standard)
New York DOH	New York Department of Health, Lab ID 11674, (NELAC Standard)
Washington DE	Washington Department of Ecology, Lab ID C404
Virginia DGS	Virginia Department of General Services, Division of Consolidated Laboratory Services, Lab ID 460224, (NELAC Standard)
Alaska DEC	Alaska Department of Environmental Conservation, Contaminated Sites Laboratory Approval 17-014
Maine DOH	Maine Center for Disease Control and Prevention, Department of Health and Human Services, Lab ID CN00003

Accreditation Scope

SGS AXYS Analytical Services Ltd.
file ref.: ACC-103 Rev. 70

Compound Class	Compound	Accredited Method ID	SGS AXYS Method ID	Serum	Solids											Tissue and Tissue Flora							Urine	Water	Water, Non-Potable										AFFF	
				CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	CALA	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Virginia DGS	Washington DE	ANAB DoD **	ANAB ISO 17025	CALA	Florida DOH	Minnesota DOH	New Jersey DEP	Virginia DGS	CALA	CALA	Alaska DEC	ANAB DoD **	ANAB ISO 17025	California WB	Florida DOH	Maine DOH	Minnesota DOH	New Jersey DEP	New York DOH	Pennsylvania DEP	Virginia DGS	Washington DE *	ANAB DoD **	ANAB ISO 17025

ANAB DoD — ANSI National Accreditation Board, certificate ADE-1861, (US DoD QSM 5.3 and 5.4 Standard)

CALA — Canadian Association for Laboratory Accreditation Inc., Lab ID A2637, (ISO/IEC 17025:2017 Standard)

CHAIN OF CUSTODY

 09-253

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
1	COUMO-2023 0925	9/25/23	11:30	Water	11	X	X	X	X	X	X	X	X	X	X	X
2	COUMI-2023		12:00	Water	11	X	X	X	X	X	X	X	X	X	X	X
3	TOSMO-2023		12:20	Water	11	X	X	X	X	X	X	X	X	X	X	X
4	TYLMO-2023		12:55	Water	7	X	X	X	X	X	X	X	X	X		
5	TYLMI-2023		13:31	Water	7	X	X	X	X	X	X	X	X	X		
6	MONMN-2023		14:35	Water	7	X	X	X	X	X	X	X	X	X		
7	MONMS-2023		14:00	Water	7	X	X	X	X	X	X	X	X	X		
8	MONM-2023		13:45	Water	7	X	X	X	X	X	X	X	X	X		
9	TOSMI-2023		11:40	Water	11	X	X	X	X	X	X	X	X	X	X	X
10	SEIMN-2023		11:40	Water	7	X	X	X	X	X	X	X	X	X		
	~~COLM-2023~~			Water	7	X	X	X	X	X	X	X	X	X		
11	SEIMS-2023		14:00	Water	7	X	X	X	X	X	X	X	X	X		
12	QA 139-2023		12:55	Water	7	X	X	X	X	X	X	X	X	X		
13	QA139B-2023		11:30	Water	4										X	X

Relinquished by Nicole Vondrasek Date 9/25/23 Received by [signature] Date 9/25/23

Firm Herrera Time 15:10 Firm OSE Time 1510

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:

* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

CHAIN OF CUSTODY

Page 2 of 2 09-253

14648 NE 95th Street, Redmond, WA 98052
Telephone: 425.883.3881

Company: Herrera Environmental Consultants

Project No.: 14-05806-000

Project Name: Redmond Paired Watershed Study

Project Manager: John Lenth

Turnaround Requested:

_____ 1 Day

_____ 2 Day

_____ 3 Day

__X__ Standard

Laboratory No.

Requested Analyses

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Total Suspended Solids (SM 2540D)	Turbidity (EPA 181.1)	Hardness (EPA 200.7 / SM 2340B)	Dissolved Organ Carbon (SM 5310B) *	Fecal Coliform (SM 9222D)	Total Phosphorus (EPA 365.1)	Total Nitrogen (SM 4500 N-B)	Total Cu and Zn (EPA 200.8)	Dissolved Cu and Zn (EPA 200.8) *	6PPD-q	PAH's
	COUMO-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	COUMI-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	TOSMO-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	TYLMO-2023			Water	7	X	X	X	X	X	X	X	X	X		
	TYLMI-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONMN-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONMS-2023			Water	7	X	X	X	X	X	X	X	X	X		
	MONM-2023			Water	7	X	X	X	X	X	X	X	X	X		
	TOSMI-2023			Water	11	X	X	X	X	X	X	X	X	X	X	X
	SEIMN-2023			Water	7	X	X	X	X	X	X	X	X	X		
	COLM-2023			Water	7	X	X	X	X	X	X	X	X	X		
	SEIMS-2023			Water	7	X	X	X	X	X	X	X	X	X		
14	QA 141 - 20230925	9/25/23	11:30	Water	7	X	X	X	X	X	X	X	X	X		
15	QA 140 - 20230925	9/25/23	12:00	Water	2				X					X		

Relinquished by Nicole Lundblad Date 9/25/23 Received by [illegible] Date 9/25/23

Firm Herrera Time 15:10 Firm OSE Time 1510

Relinquished by _____ Date _____ Received by _____ Date _____

Firm _____ Time _____ Firm _____ Time _____

Comments:
* - field filtered with 0.45 µm filter within 15 minutes of collecting sample

Sample/Cooler Receipt and Acceptance Checklist

Client: HEC

Client Project Name/Number: 14-05806-000

OnSite Project Number: 09-253

Initiated by: JMV

Date Initiated: 9/25/23

1.0 Cooler Verification

1.1 Were there custody seals on the outside of the cooler?	Yes	(No)	N/A	1 2 3 4	
1.2 Were the custody seals intact?	Yes	No	(N/A)	1 2 3 4	
1.3 Were the custody seals signed and dated by last custodian?	Yes	No	(N/A)	1 2 3 4	
1.4 Were the samples delivered on ice or blue ice?	(Yes)	No	N/A	1 2 3 4	
1.5 Were samples received between 0-6 degrees Celsius?	(Yes)	No	N/A	Temperature:	6,6,6,6
1.6 Have shipping bills (if any) been attached to the back of this form?	Yes	(N/A)			
1.7 How were the samples delivered?	(Client)	Courier	UPS/FedEx	OSE Pickup	Other

2.0 Chain of Custody Verification

2.1 Was a Chain of Custody submitted with the samples?	(Yes)	No		1 2 3 4
2.2 Was the COC legible and written in permanent ink?	(Yes)	No		1 2 3 4
2.3 Have samples been relinquished and accepted by each custodian?	(Yes)	No		1 2 3 4
2.4 Did the sample labels (ID, date, time, preservative) agree with COC?	Yes	(No)		1 2 3 4
2.5 Were all of the samples listed on the COC submitted?	(Yes)	No		1 2 3 4
2.6 Were any of the samples submitted omitted from the COC?	Yes	(No)		1 2 3 4

3.0 Sample Verification

3.1 Were any sample containers broken or compromised?	Yes	(No)		1 2 3 4
3.2 Were any sample labels missing or illegible?	(Yes)	(No)		1 2 3 4
3.3 Have the correct containers been used for each analysis requested?	(Yes)	No		1 2 3 4
3.4 Have the samples been correctly preserved?	(Yes)	No	N/A	1 2 3 4
3.5 Are volatiles samples free from headspace and bubbles greater than 6mm?	Yes	No	(N/A)	1 2 3 4
3.6 Is there sufficient sample submitted to perform requested analyses?	(Yes)	No		1 2 3 4
3.7 Have any holding times already expired or will expire in 24 hours?	(Yes)	No		1 2 3 4
3.8 Was method 5035A used?	Yes	No	(N/A)	1 2 3 4
3.9 If 5035A was used, which sampling option was used (#1, 2, or 3).	#		(N/A)	1 2 3 4

Explain any discrepancies:

2.4) #6,7,10) no 0925 on labels
#8) no 0925 on 1/2L HNO_3 poly
#9) no 0925 on 1/4L H_2SO_4 poly
3.2) #11) ID illegible on 1/4L H_2SO_4 poly
2.4) #13) QA139-20230925 on labels

1 - Discuss issue in Case Narrative
2 - Process Sample As-is
3 - Client contacted to discuss problem
4 - Sample cannot be analyzed or client does not wish to proceed

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/9/23, 1/30/24 Page 1 of 3

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 9/25/2023 /All locations, QA139 (TYLMO), QA139B (COUMO [6ppd-q & PAHs]) Lab Ref No 2309-253

date 11/21/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
TSS	OK / SM 2540D	NA	**NA**	1	**≤7**	≤1.0 mg/L 1.0 mg/L	NA	**NA**	85	**±20**	14	**≤ 25**	9	**≤ 25**	OK	NONE
Turbidity	OK / EPA 180.1	NA	**NA**	1	**≤2**	≤0.1 NTU 0.1 NTU	NA	**NA**	NA	**±10**	12	**≤ 25**	8	**≤ 25**	OK	NONE
Hardness	OK / SM 2340B	NA	**NA**	8	**≤180**	≤1.0 mg/L 1.0 mg/L	95, 103	**±25**	95	**±15**	10, MS 5	**≤ 20**	15	**≤ 20**	OK	NONE
DOC	OK / SM 5310B	≤15	**≤15**	11	**≤28**	≤1.0 mg/L 1.0 mg/L	107	**±25**	94	**±15**	3	**≤ 20**	14	**≤ 20**	OK	NONE
Total Phosphorus	OK / EPA 365.1	NA	**NA**	7	**≤28**	≤0.01 mg/L 0.01 mg/L	98	**±25**	92	**±20**	5	**≤ 20**	8	**≤ 20**	OK	NONE
Total Nitrogen (TKN + N+N)	OK/ SM 4500 N-B	NA	**NA**	9, 10	**≤28**	≤0.1 mg/L 0.1 mg/L	95-106, 97-106	**±25**	93-98, 95-107	**±20**	6-17, 1-7; D=0.01-0.09; D=0.03-0.4	**≤ 20**	1, D=0.05	**≤ 20**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column.

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/9/23, 1/30/24 Page 2 of 3

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 9/25/2023 /All locations, QA139 (TYLMO), QA139B (COUMO [6ppd-q & PAHs]) Lab Ref No 2309-253

date 11/21/2023

Parameter	Completeness/ Methodology	Pre-preservation Holding Times (minutes)		Total Holding Times (days)		Method Blanks Reporting Limit	Matrix Spikes/ Surrogate Recovery (%)		Lab Control Samples Recovery (%)		Lab Duplicates RPD (%)		Field Duplicates RPD (%)		Instrument Calibration/ Performance	ACTION
		Reported	Goal	Reported	Goal		Reported	Goal	Reported	Goal	Reported	Goal[1]	Reported	Goal[1]		
Total Copper	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	90, 94	**±25**	NR	**±15**	NC, MS 4	**≤ 20**	D=0.5	**≤ 20**	OK	NONE
Total Zinc	OK/ EPA 200.8	NA	**NA**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	88, 94	**±25**	NR	**±15**	NC, MS 6	**≤ 20**	D=1	**≤ 20**	OK	NONE
Dissolved Copper	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤1.0 µg/L 1.0 µg/L	84, 87	**±25**	NR	**±15**	7, MS 4	**≤ 20**	D=0.2	**≤ 20**	OK	NONE
Dissolved Zinc	OK/ EPA 200.8	≤15	**≤15**	8	**≤180**	≤5.0 µg/L 5.0 µg/L	87, 91	**±25**	NR	**±15**	1, MS 4	**≤ 20**	D=0.1	**≤ 20**	OK	NONE
Fecal Coliform	OK / SM 9222D	NA	**NA**	<1	**≤1**	≤1.0 cfu/ 100mL 10 cfu/ 100mL	NA	**NA**	NA	**NA**	13	**≤ 35**	84	**≤ 50**	OK	FLAG TYLMO J FOR HIGH FIELD DUPE RPD
6PPD-q	OK/ MLA-118	NA	**NA**	32, 6	**≤14[2], ≤28**	0.18 ng/mL 0.1 ng/mL	94	**±30**	SURR 34-39	**30-150[3]**	NR	**<40**	4	**<50**	ICR = 88-130 CCV = 108	NO FLAG FOR HOLDING TIME EXCEEDANCE, WITHIN LABORATORY LIMIT OF 35 DAYS. FLAG ALL SAMPLES J FOR MB>RL
PAHs	OK/ EPA 8270E SIM	NA	**NA**	4, 4-7	**≤7[2], ≤40**	≤0.01-0.1 ug/L 0.01-0.1 ug/L	SURR 54-94	**19-127[4]**	65-102	**25-125[4]**	6-18	**<21-39[4]**	NC	**<35**	OK	NONE

[1] If the sample or duplicate value is less than five times the reporting limit, the difference is calculated rather than the relative percent difference (RPD). The QA goal is a difference <2 times the detection limit instead of the number indicated in the goal column. [2] Pre-extraction holding time. [3] Goal applies to surrogate standard. [4] The criterion are analyte specific; the goal shows the minimum and maximum ranges for analytes.

Data Quality Assurance Worksheet

By N. VandePutte

Project Name/No./Client: Redmond Paired Watershed Study / 14-05806-000 / City of Redmond

Date 11/9/23, 1/30/24 Page 3 of 3

Laboratory/Parameters: OnSite Environmental: TSS, turbidity, hardness, DOC, TP, Dissolved & Total Cu, Zn, PAHs / AmTest: Total nitrogen, fecal coliform / SGS AXYS Analytical: 6PPD-q

Checked: initials JL

Sample Date/Sample ID: 9/25/2023 /All locations, QA139 (TYLMO), QA139B (COUMO [6ppd-q & PAHs]) Lab Ref No 2309-253

date 11/21/2023

NA – not applicable or not available; NC – not calculable due to one or more values below the detection limit; NS – field duplicate not sampled; NR – not reported; SURR – Surrogate standard

Appendix R

Water Quality Summary Tables for Effectiveness Monitoring

HERRERA
Science + Planning + Design

Table R-1. Summary Statistics for 1-Methylnaphthalene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-2. Summary Statistics for 2-Methylnaphthalene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-3. Summary Statistics for Acenaphthene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-4. Summary Statistics for Acenaphthylene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-5. Summary Statistics for Anthracene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-6. Summary Statistics for Benz[a]anthracene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.005	0.005	0.005	0.005	0.005	0%	NA
TOSMI	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMO	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMI	4	0.005	0.005	0.005	0.005	0.005	0%	NA
Storm Flow Samples								
TOSMO	11	0.005	0.005	0.005	0.006	0.012	9%	NA
TOSMI	11	0.005	0.005	0.005	0.005	0.026	9%	NA
COUMO	11	0.005	0.005	0.005	0.005	0.010	9%	NA
COUMI	11	0.004	0.005	0.005	0.011	0.046	27%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-7. Summary Statistics for Benzo(a)pyrene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.005	0.005	0.005	0.005	0.005	0%	NA
TOSMI	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMO	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMI	4	0.005	0.005	0.005	0.005	0.005	0%	NA
Storm Flow Samples								
TOSMO	11	0.005	0.005	0.005	0.006	0.035	18%	NA
TOSMI	11	0.005	0.005	0.005	0.005	0.045	18%	NA
COUMO	11	0.005	0.005	0.005	0.005	0.012	9%	NA
COUMI	11	0.004	0.005	0.005	0.006	0.063	18%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-8. Summary Statistics for Benzo(b)fluoranthene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.00	0.00	0.00	0.00	0.00	0%	NA
TOSMI	4	0.00	0.00	0.01	0.01	0.01	0%	NA
COUMO	4	0.00	0.00	0.01	0.01	0.01	25%	NA
COUMI	4	0.00	0.00	0.01	0.01	0.01	0%	NA
Storm Flow Samples								
TOSMO	11	0.00	0.00	0.01	0.01	0.02	18%	NA
TOSMI	11	0.00	0.00	0.01	0.01	0.09	45%	NA
COUMO	11	0.00	0.01	0.01	0.01	0.02	18%	NA
COUMI	11	0.00	0.01	0.01	0.01	0.10	36%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-9. Summary Statistics for Benzo(ghi)perylene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.005	0.005	0.005	0.005	0.005	0%	NA
TOSMI	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMO	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMI	4	0.005	0.005	0.005	0.005	0.005	0%	NA
Storm Flow Samples								
TOSMO	11	0.005	0.005	0.005	0.006	0.055	18%	NA
TOSMI	11	0.005	0.005	0.005	0.006	0.043	18%	NA
COUMO	11	0.005	0.005	0.005	0.005	0.017	9%	NA
COUMI	11	0.004	0.005	0.005	0.009	0.052	27%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-10. Summary Statistics for Benzo(j,k)fluoranthene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.005	0.005	0.005	0.005	0.005	0%	NA
TOSMI	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMO	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMI	4	0.005	0.005	0.005	0.005	0.005	0%	NA
Storm Flow Samples								
TOSMO	11	0.004	0.005	0.005	0.006	0.044	9%	NA
TOSMI	11	0.005	0.005	0.005	0.005	0.021	18%	NA
COUMO	11	0.005	0.005	0.005	0.005	0.017	9%	NA
COUMI	11	0.004	0.005	0.005	0.006	0.032	18%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-11. Summary Statistics for Chrysene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.005	0.005	0.005	0.005	0.005	0%	NA
TOSMI	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMO	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMI	4	0.005	0.005	0.005	0.005	0.005	0%	NA
Storm Flow Samples								
TOSMO	11	0.005	0.005	0.005	0.006	0.040	18%	NA
TOSMI	11	0.005	0.005	0.005	0.012	0.058	36%	NA
COUMO	11	0.005	0.005	0.005	0.005	0.017	9%	NA
COUMI	11	0.004	0.005	0.005	0.006	0.071	18%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-12. Summary Statistics for Dibenzo(a,h)anthracene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.0048	0.0048	0.0049	0.0050	0.0050	0%	NA
TOSMI	4	0.0048	0.0049	0.0052	0.0057	0.0060	0%	NA
COUMO	4	0.0050	0.0050	0.0050	0.0057	0.0065	0%	NA
COUMI	4	0.0049	0.0049	0.0052	0.0055	0.0055	0%	NA
Storm Flow Samples								
TOSMO	11	0.0036	0.0049	0.0050	0.0062	0.0110	9%	NA
TOSMI	11	0.0048	0.0049	0.0050	0.0052	0.0055	0%	NA
COUMO	11	0.0048	0.0050	0.0055	0.0055	0.0140	9%	NA
COUMI	11	0.0040	0.0050	0.0055	0.0065	0.0160	18%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-13. Summary Statistics for Fluoranthene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.0480	0.0483	0.0490	0.0498	0.0500	0%	NA
TOSMI	4	0.0480	0.0490	0.0525	0.0575	0.0600	0%	NA
COUMO	4	0.0500	0.0500	0.0500	0.0575	0.0650	0%	NA
COUMI	4	0.0490	0.0493	0.0523	0.0550	0.0550	0%	NA
Storm Flow Samples								
TOSMO	11	0.0365	0.0490	0.0500	0.0575	0.0650	0%	NA
TOSMI	11	0.0480	0.0493	0.0500	0.0525	0.0550	0%	NA
COUMO	11	0.0480	0.0498	0.0550	0.0550	0.0650	0%	NA
COUMI	11	0.0400	0.0500	0.0550	0.0600	0.1200	9%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-14. Summary Statistics for Fluorene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-15. Summary Statistics for Indeno(1,2,3-cd)pyrene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.005	0.005	0.005	0.005	0.005	0%	NA
TOSMI	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMO	4	0.005	0.005	0.005	0.006	0.006	0%	NA
COUMI	4	0.005	0.005	0.005	0.005	0.005	0%	NA
Storm Flow Samples								
TOSMO	11	0.005	0.005	0.005	0.006	0.027	18%	NA
TOSMI	11	0.005	0.005	0.005	0.005	0.042	18%	NA
COUMO	11	0.005	0.005	0.005	0.005	0.019	9%	NA
COUMI	11	0.004	0.005	0.005	0.006	0.054	18%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-16. Summary Statistics for Naphthalene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-17. Summary Statistics for Phenanthrene Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.048	0.048	0.049	0.050	0.050	0%	NA
TOSMI	4	0.048	0.049	0.052	0.057	0.060	0%	NA
COUMO	4	0.050	0.050	0.050	0.058	0.065	0%	NA
COUMI	4	0.049	0.049	0.052	0.055	0.055	0%	NA
Storm Flow Samples								
TOSMO	11	0.036	0.049	0.050	0.057	0.065	0%	NA
TOSMI	11	0.048	0.049	0.050	0.052	0.055	0%	NA
COUMO	11	0.048	0.050	0.055	0.055	0.065	0%	NA
COUMI	11	0.040	0.050	0.050	0.055	0.065	0%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-18. Summary Statistics for Pyrene Concentration Measured in Storm Event and Base Flow Samples.

	n	Minimum (ug/L)	25th Percentile (ug/L)	Median (ug/L)	75th Percentile (ug/L)	Maximum (ug/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.05	0.05	0.05	0.05	0.05	0%	NA
TOSMI	4	0.05	0.05	0.05	0.06	0.06	0%	NA
COUMO	4	0.05	0.05	0.05	0.06	0.06	0%	NA
COUMI	4	0.05	0.05	0.05	0.06	0.06	0%	NA
Storm Flow Samples								
TOSMO	11	0.04	0.05	0.05	0.06	0.06	0%	NA
TOSMI	11	0.05	0.05	0.05	0.05	0.06	0%	NA
COUMO	11	0.05	0.05	0.06	0.06	0.06	0%	NA
COUMI	11	0.04	0.05	0.06	0.06	0.11	9%	NA

ug/L: micrograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Table R-19. Summary Statistics for 6PPD-quinone Concentration Measured in Storm Event and Base Flow Samples.								
	n	Minimum (ng/L)	25th Percentile (ng/L)	Median (ng/L)	75th Percentile (ng/L)	Maximum (ng/L)	Percent Detected	Percent Violating Criteria
Base Flow Samples								
TOSMO	4	0.6	0.9	2.7	4.3	4.3	100%	NA
TOSMI	4	0.6	1.2	3.2	6.5	8.4	100%	NA
COUMO	4	0.4	1.2	2.0	4.9	7.7	100%	NA
COUMI	4	0.1	0.3	0.5	1.0	1.5	75%	NA
Storm Flow Samples								
TOSMO	11	1.3	4.0	8.8	12.6	20.9	100%	NA
TOSMI	11	3.3	8.4	19.2	21.6	81.4	100%	NA
COUMO	11	1.5	6.4	20.0	22.6	64.1	100%	NA
COUMI	11	1.1	3.0	7.4	10.8	16.8	100%	NA

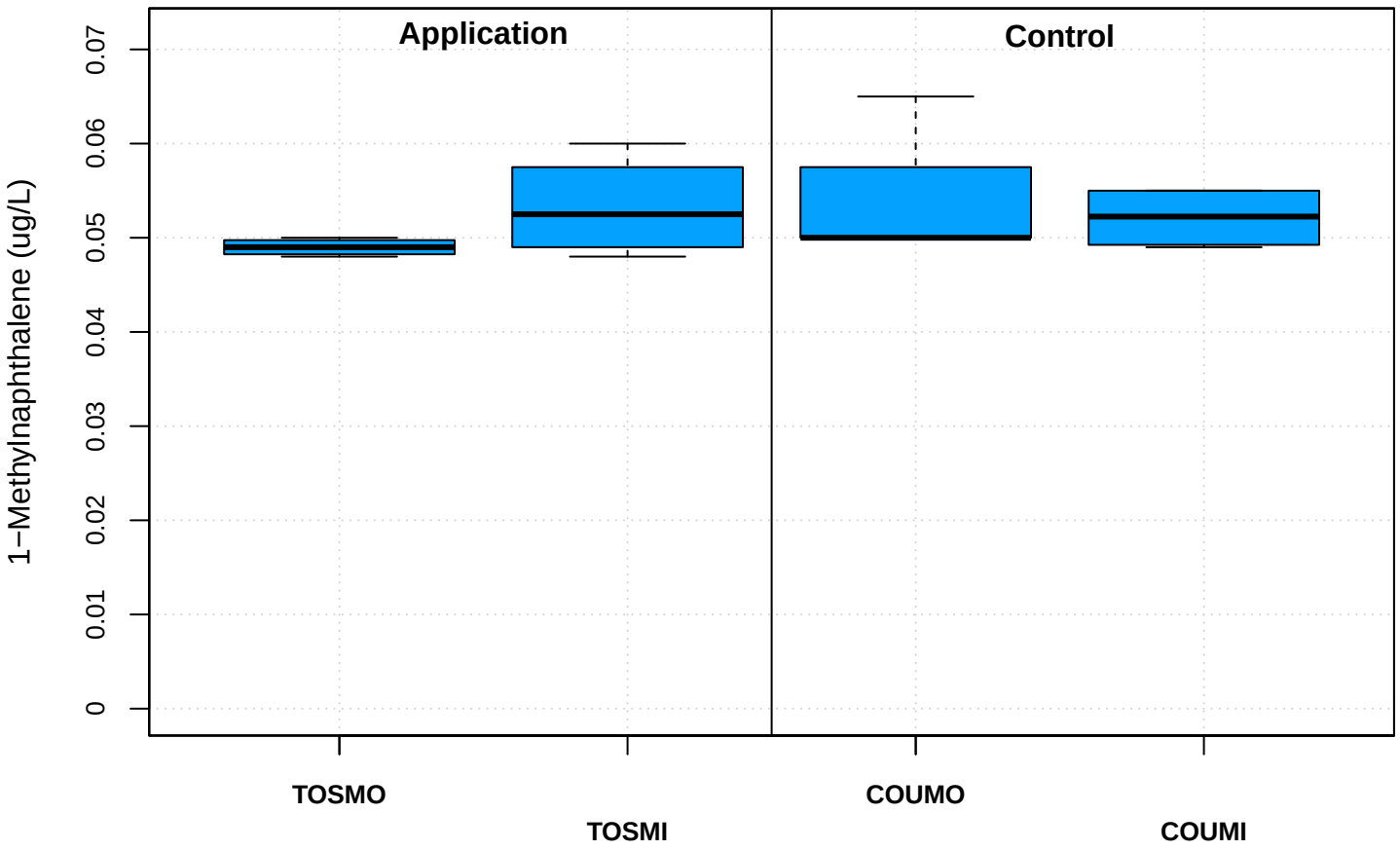
ng/L: nanograms per liter
All summary statistics were calculated using values of half the reporting limit for non-detect values.
No applicable criteria for freshwater aquatic life protection from Washington Adminstrative Code 173-201A.

Appendix S

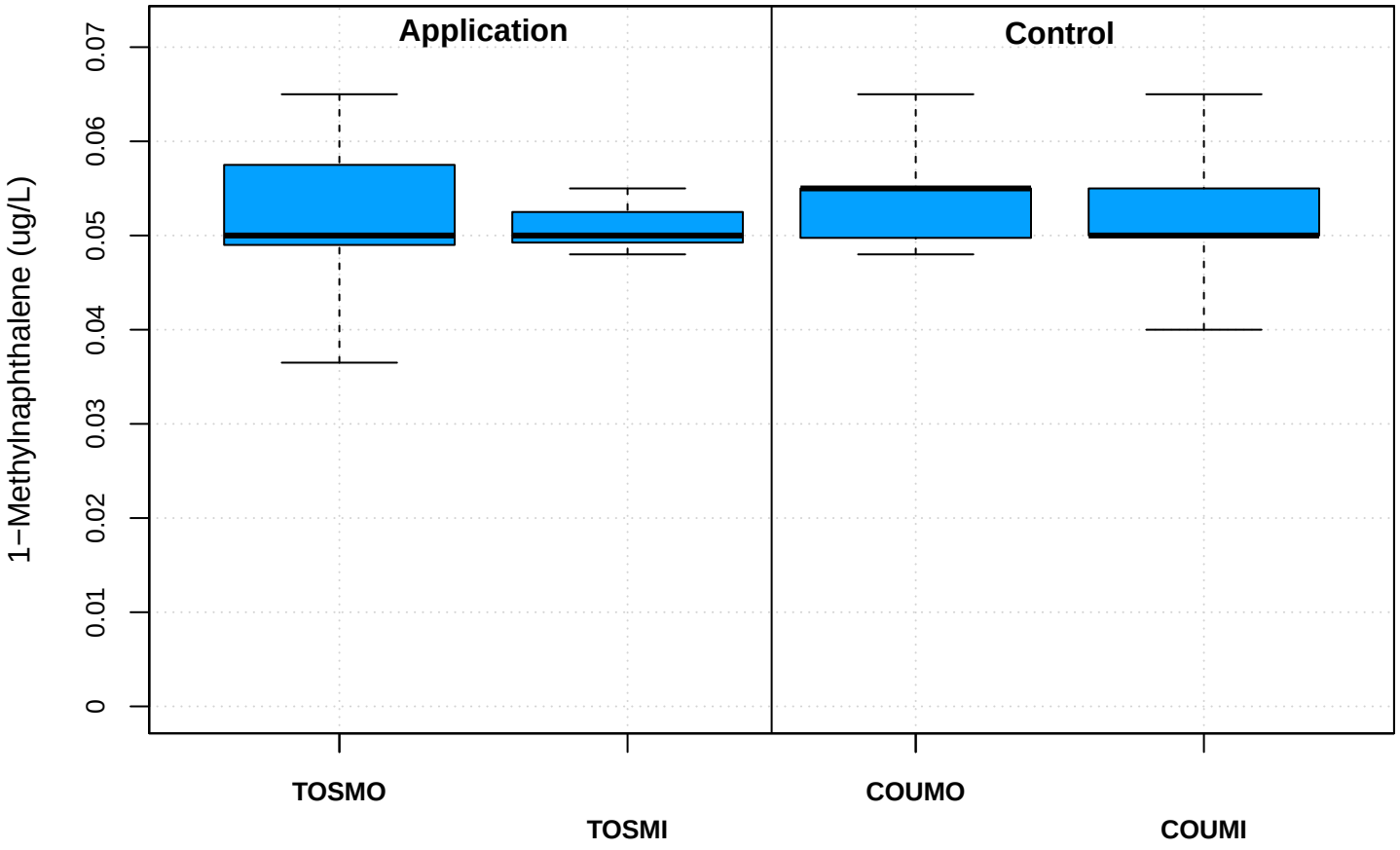
Water Quality Box Plots for Base Flow and Stormflow Effectiveness Monitoring

HERRERA
Science + Planning + Design

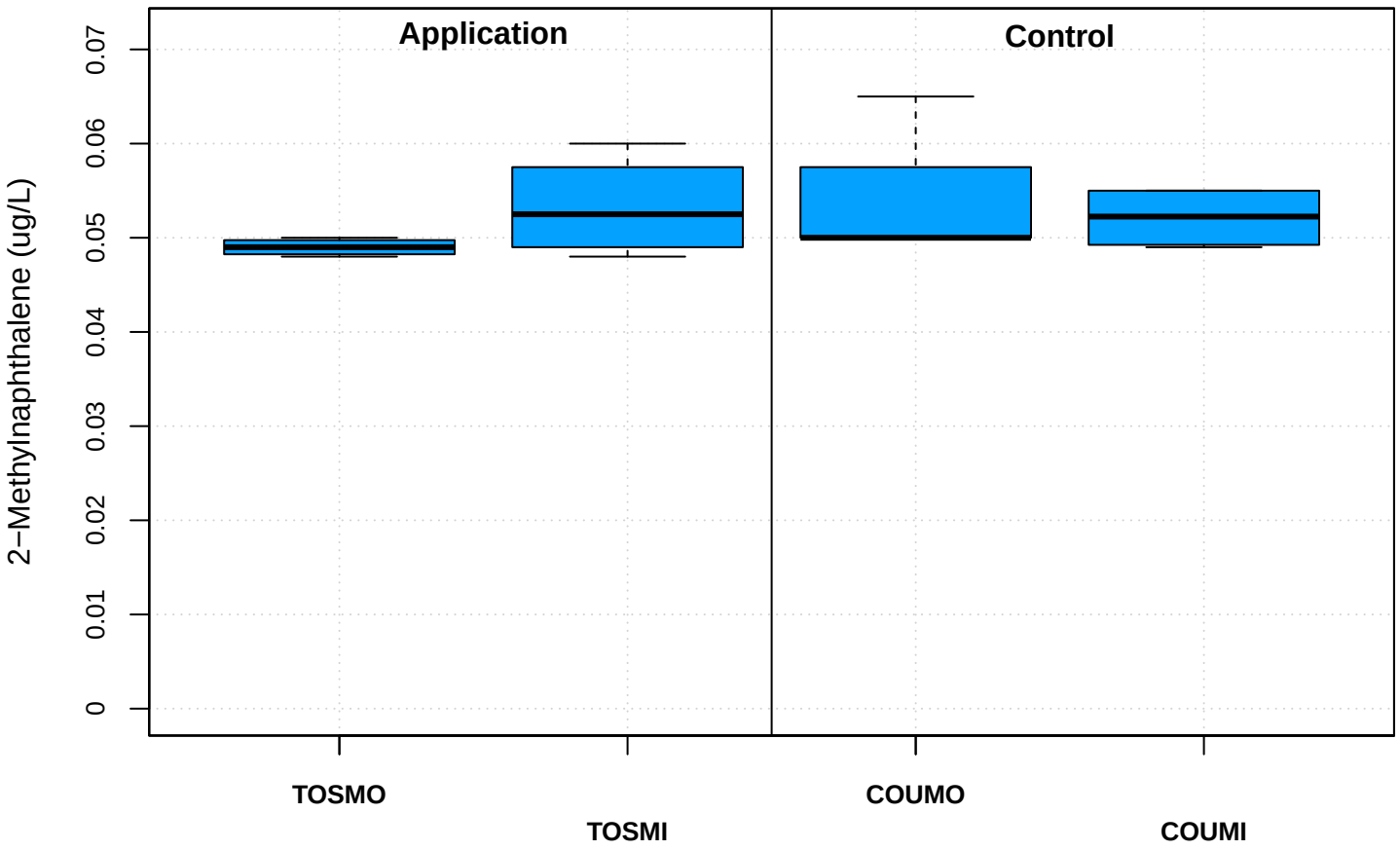
Base Flow



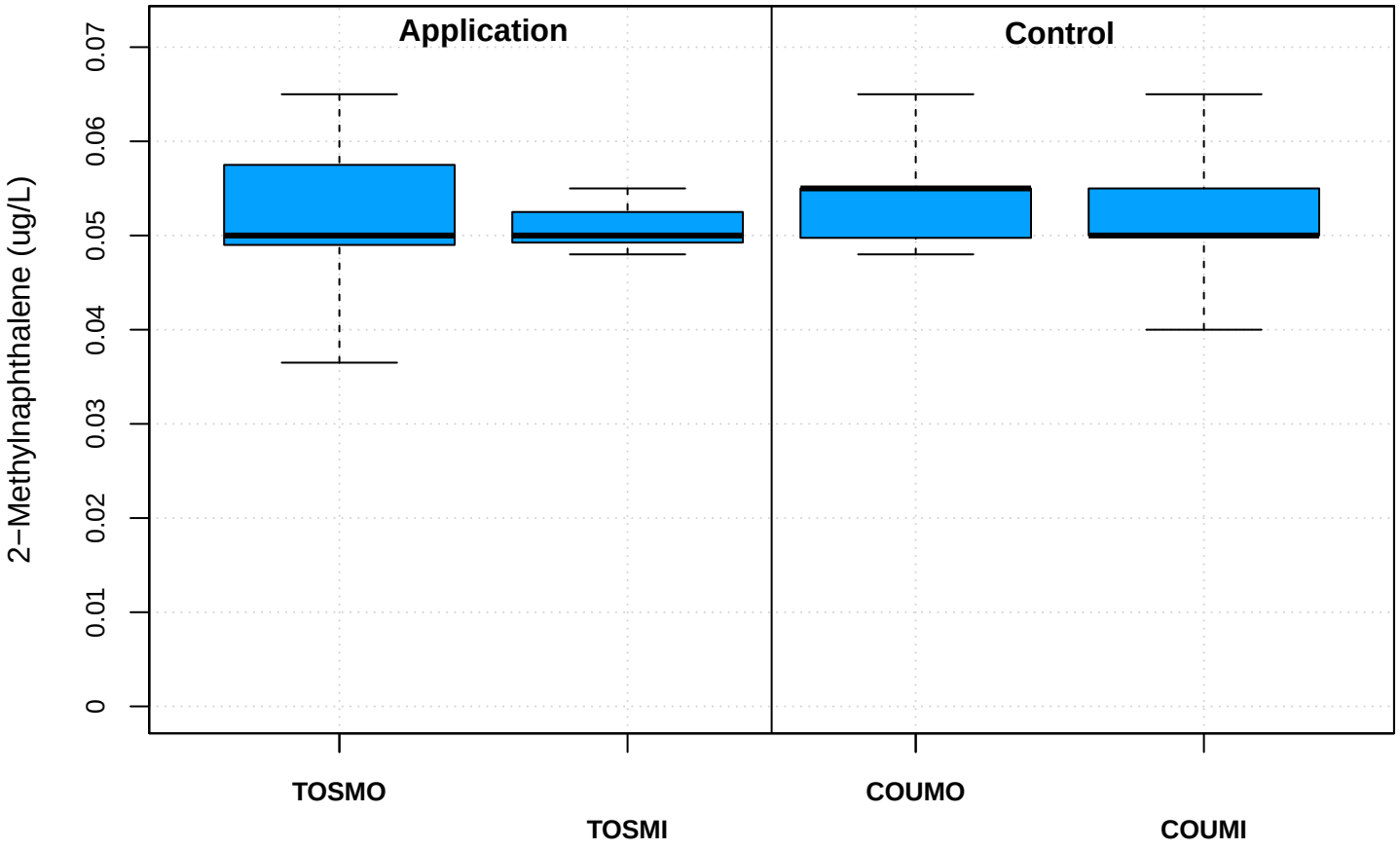
Storm Events



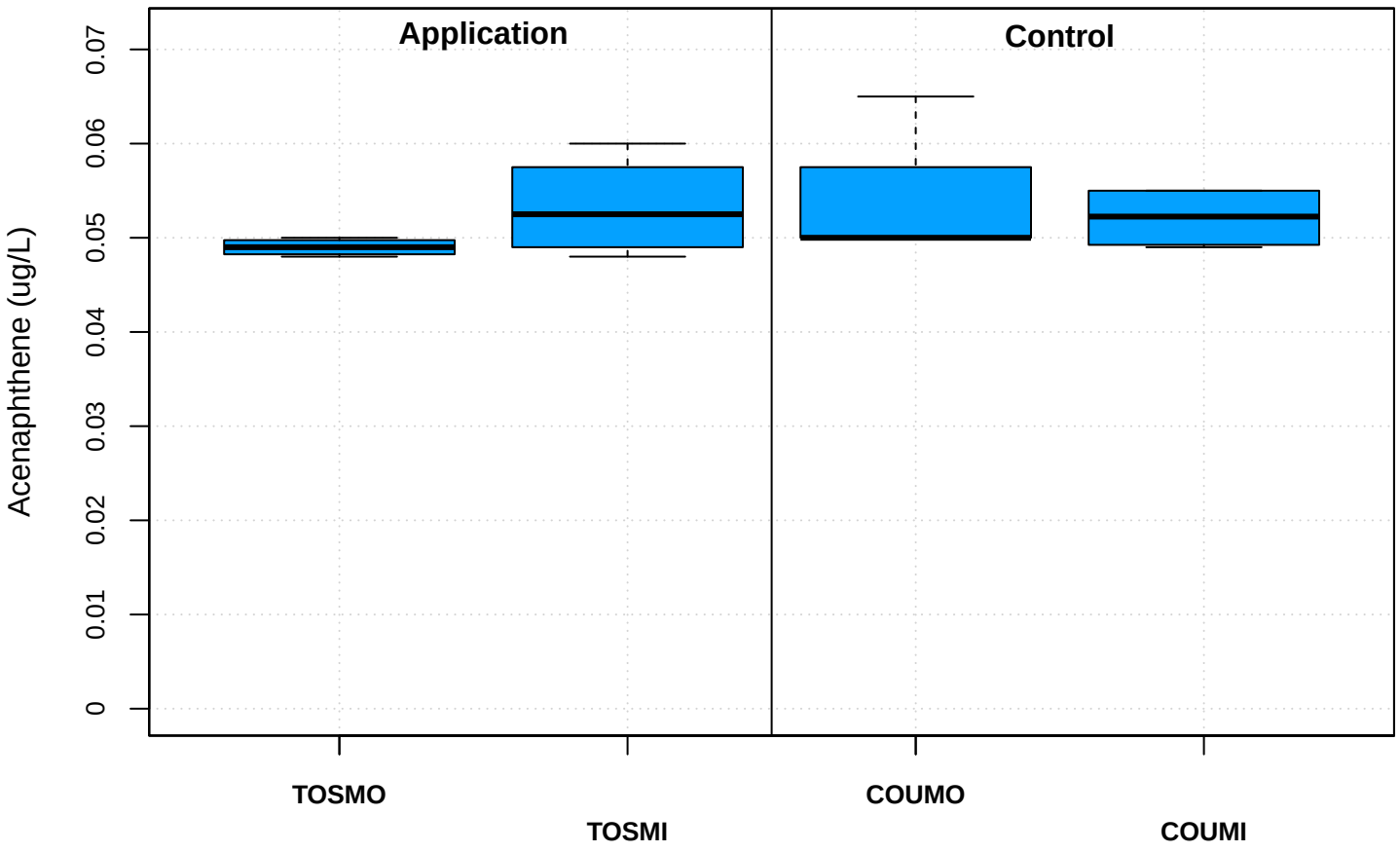
Base Flow



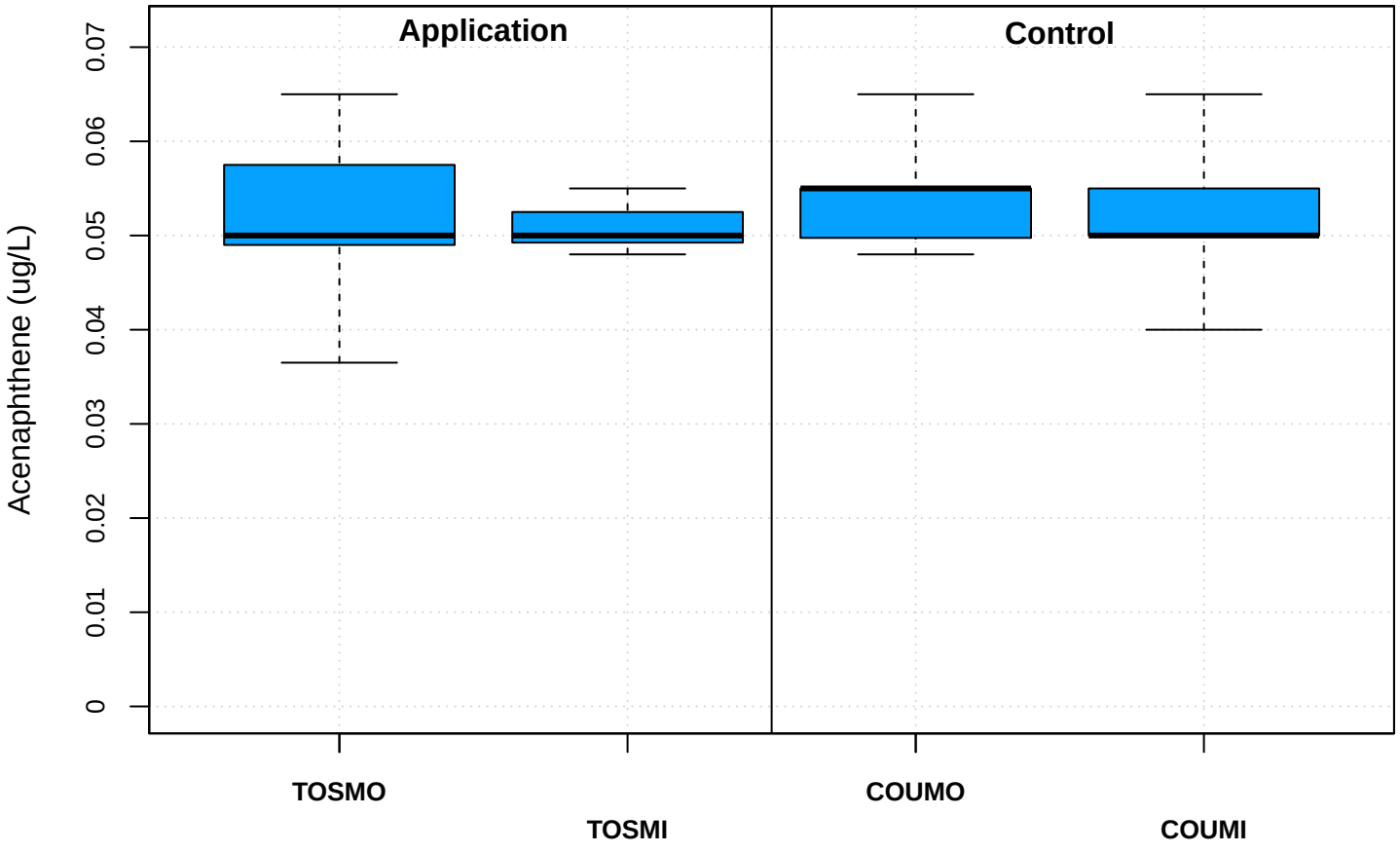
Storm Events



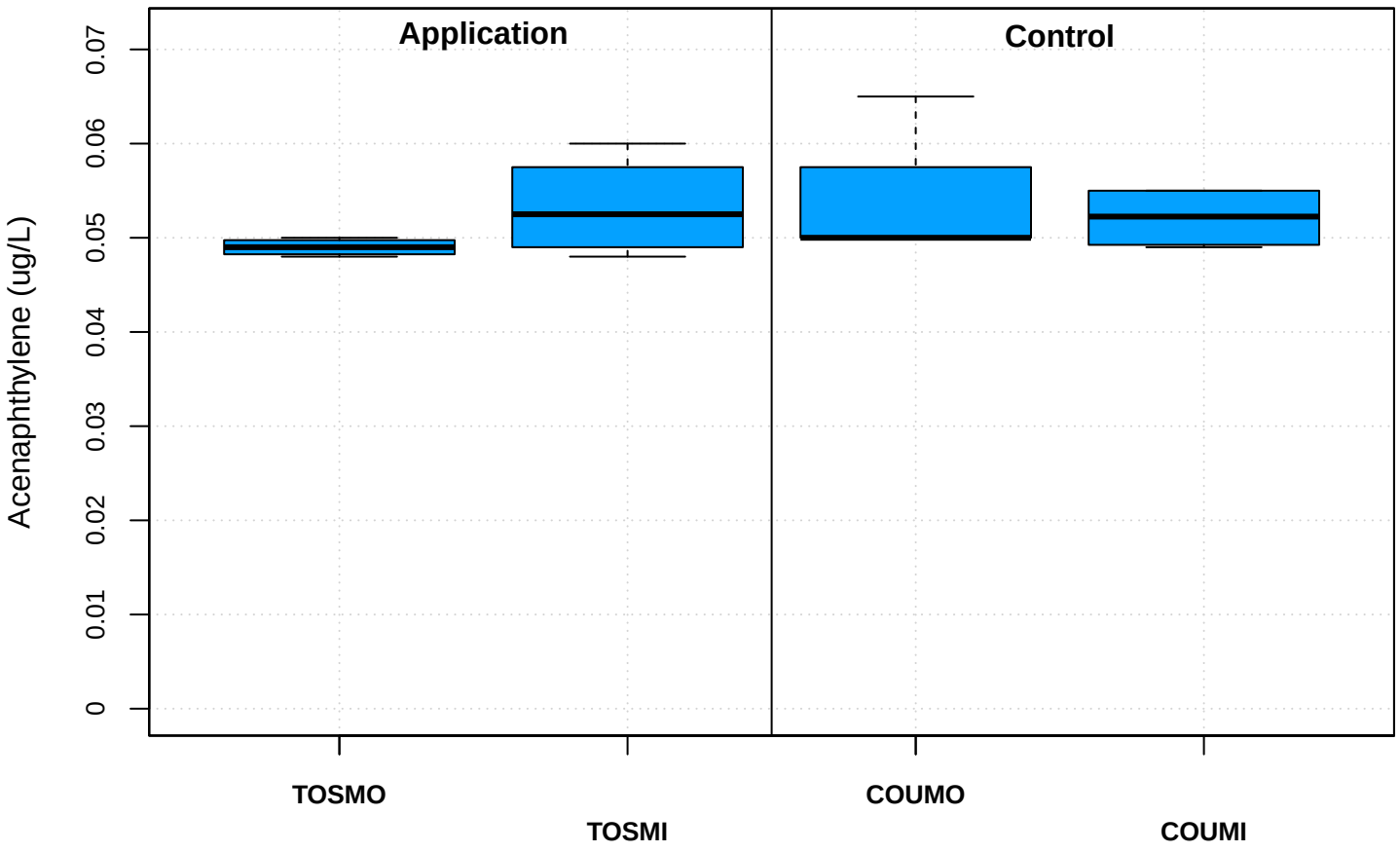
Base Flow



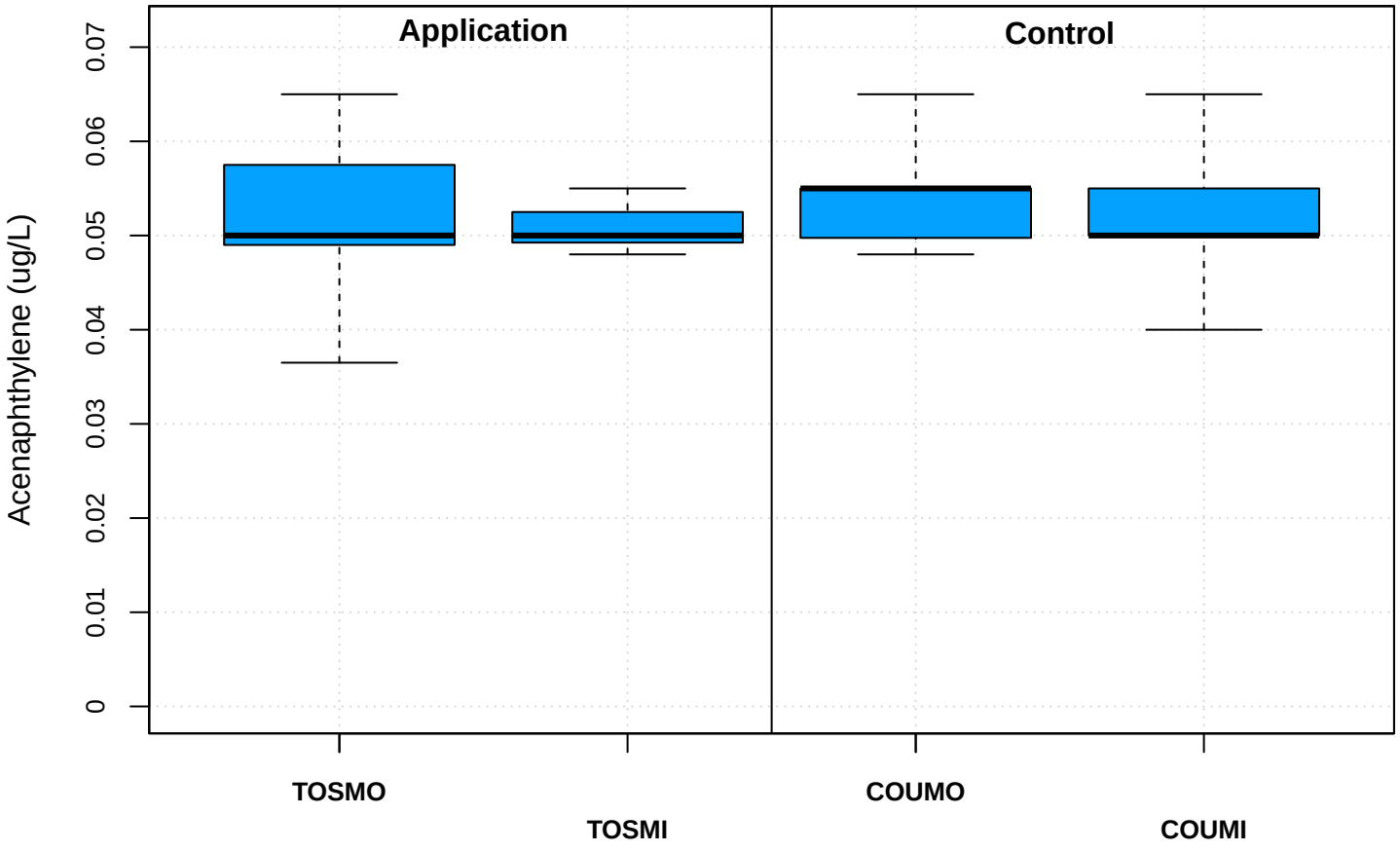
Storm Events

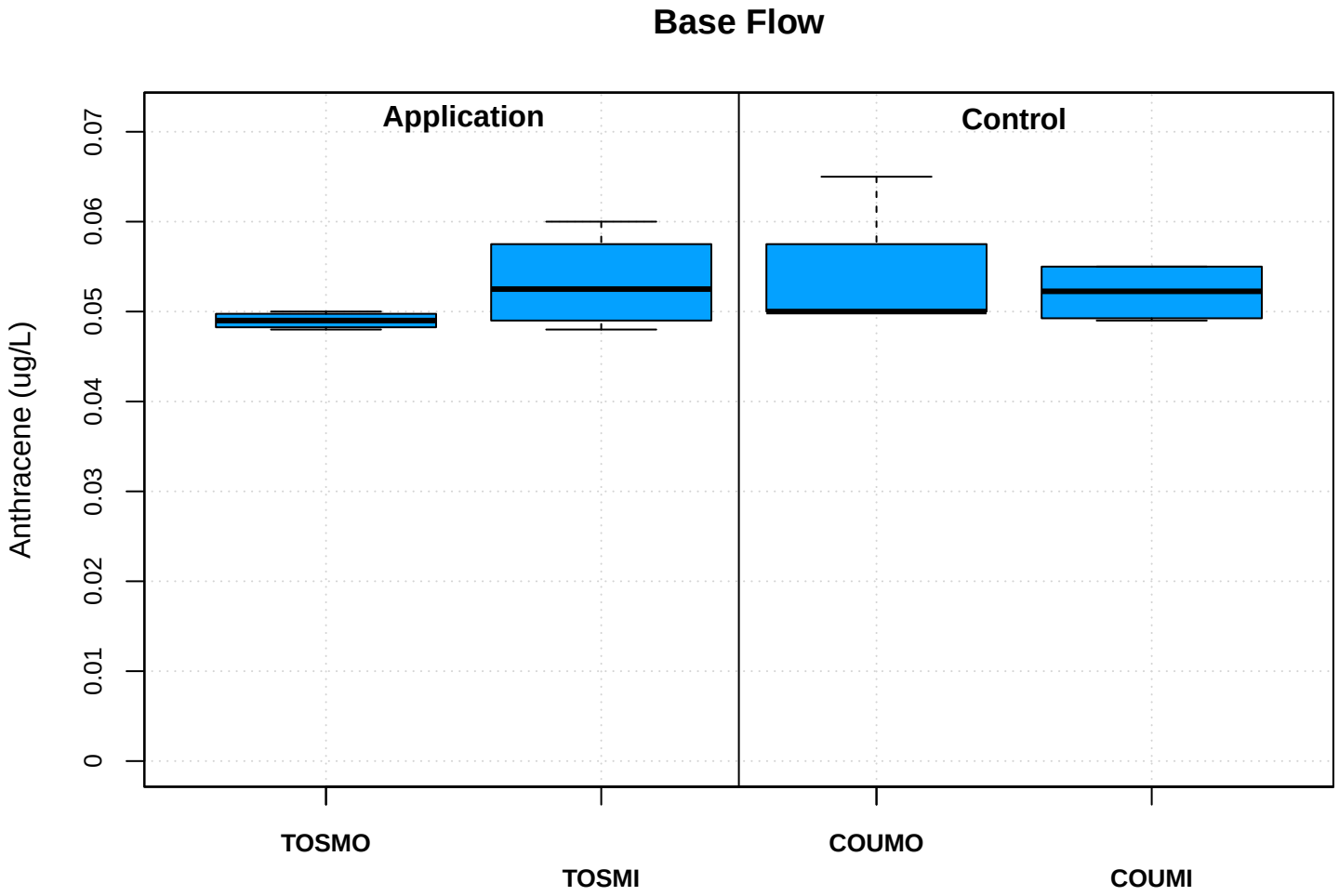


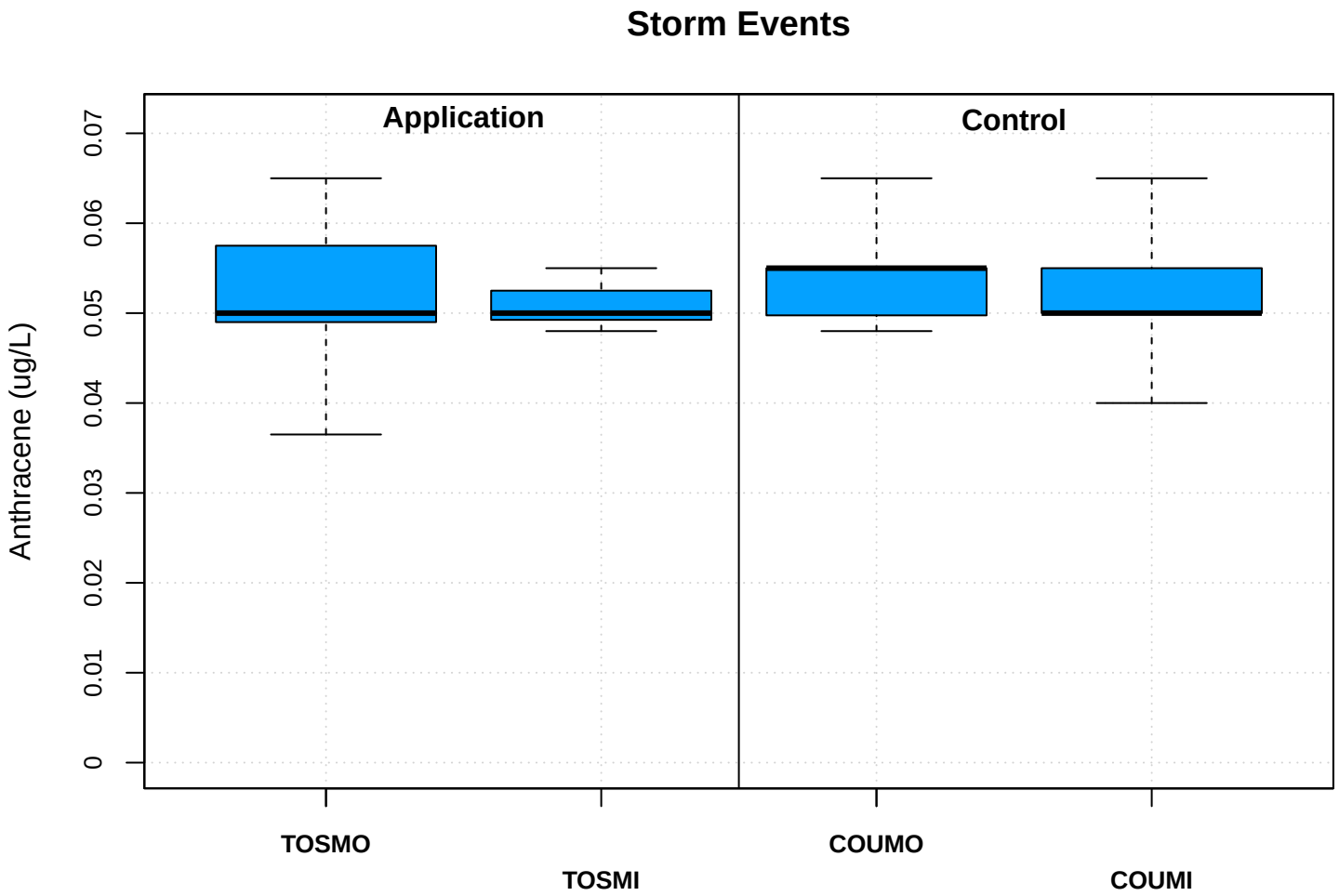
Base Flow



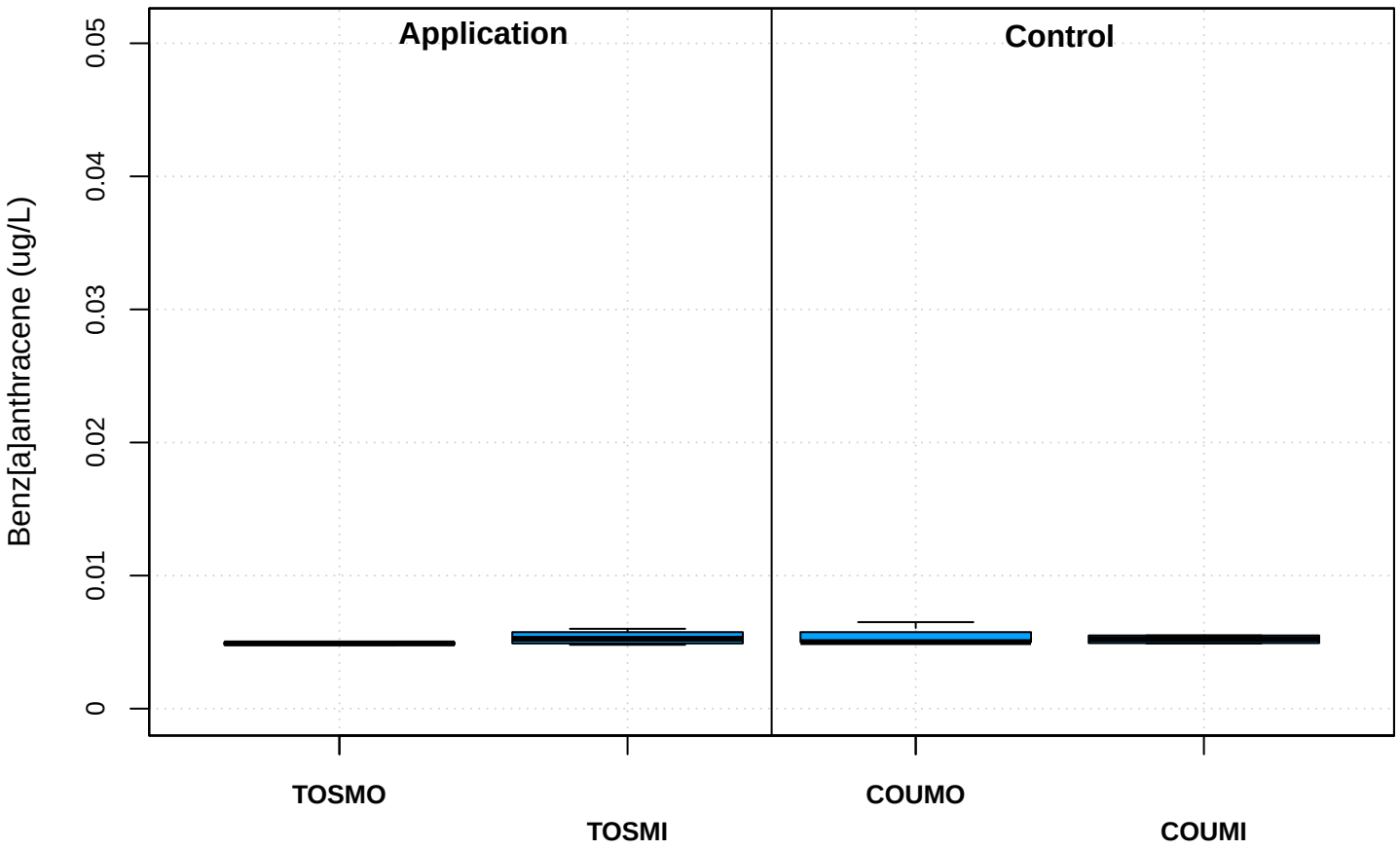
Storm Events



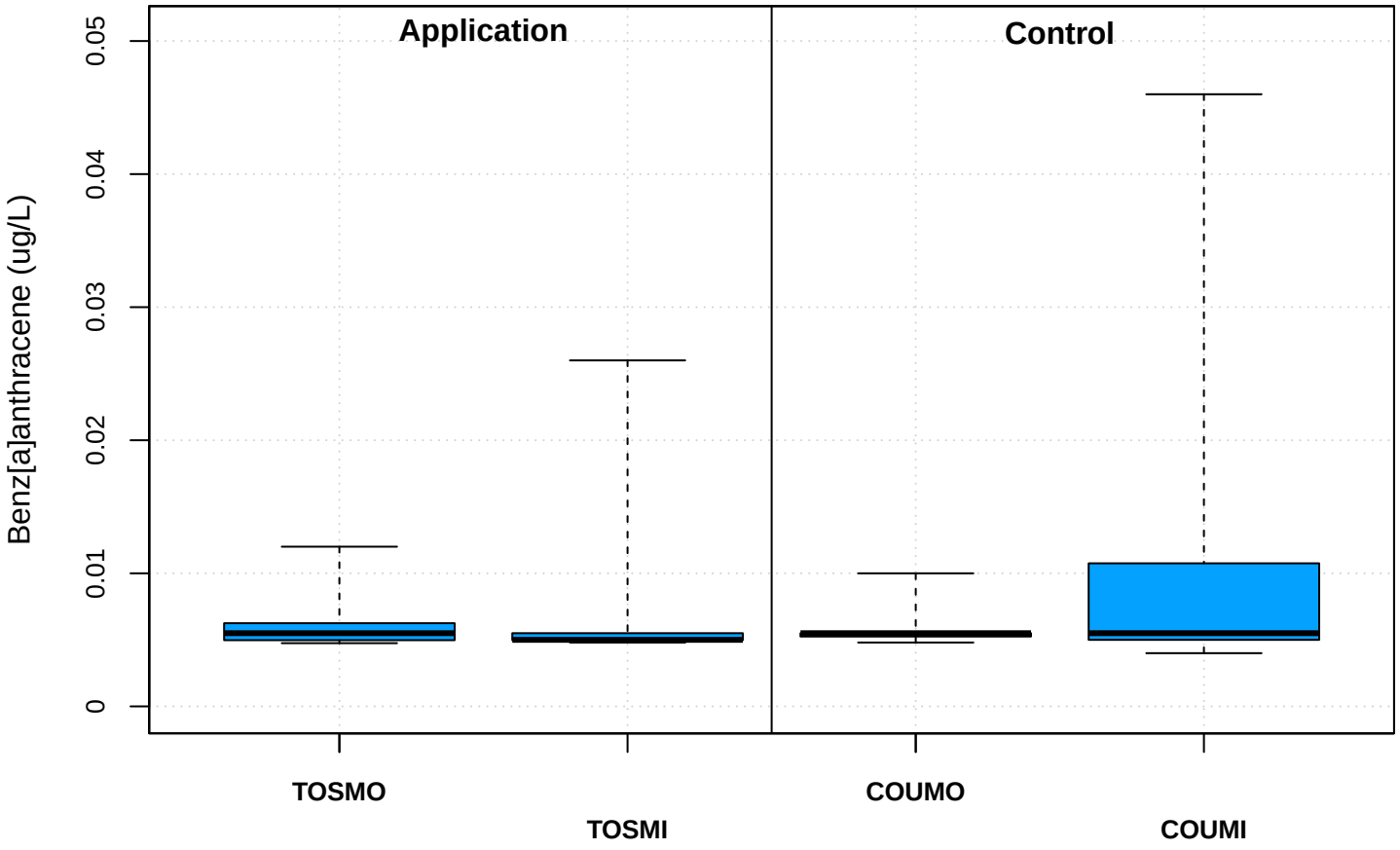

Base Flow
Application
Control
Anthracene (ug/L)
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
TOSMO
TOSMI
COUMO
COUMI


Storm Events
Application
Control
Anthracene (ug/L)
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
TOSMO
TOSMI
COUMO
COUMI

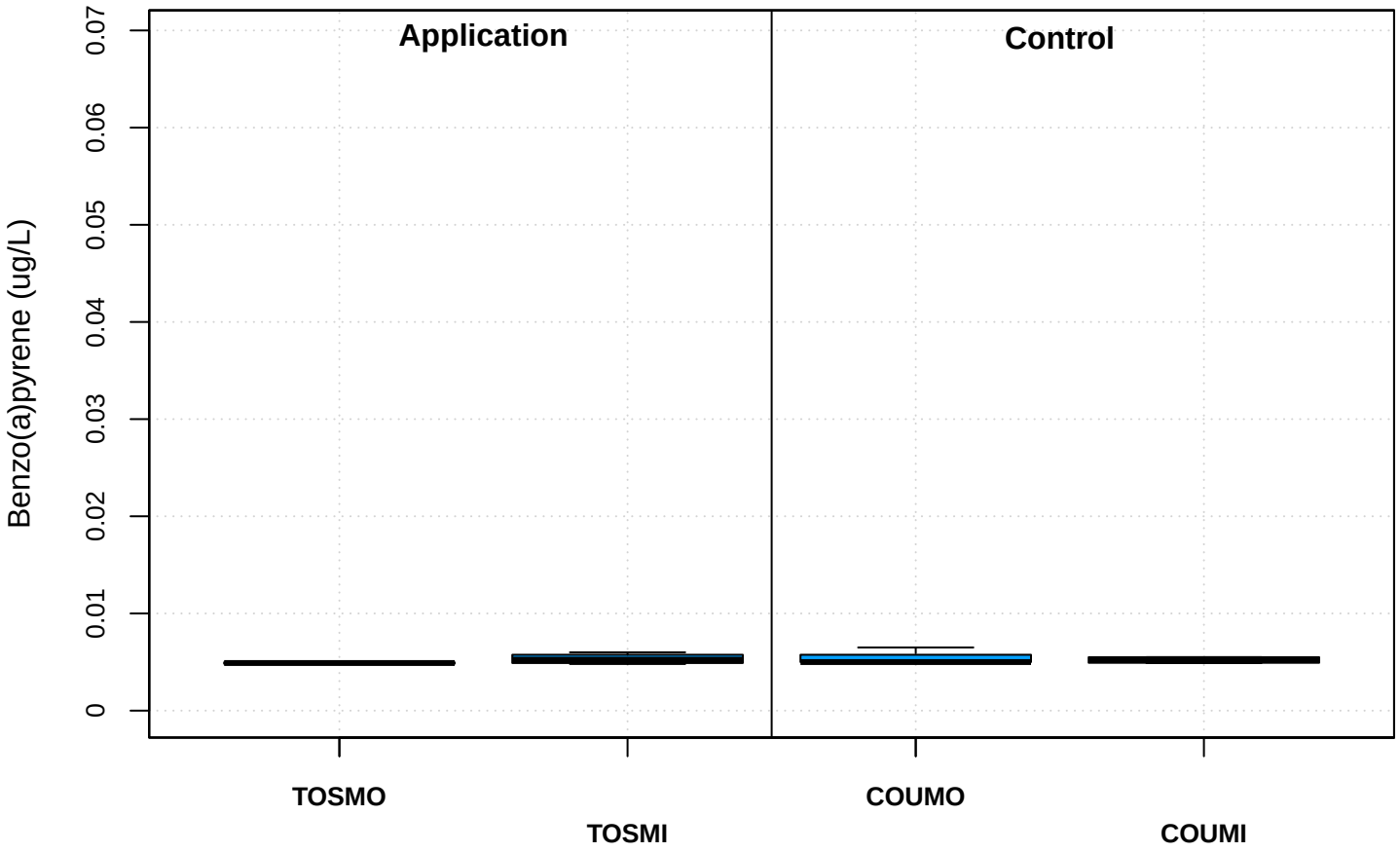
Base Flow



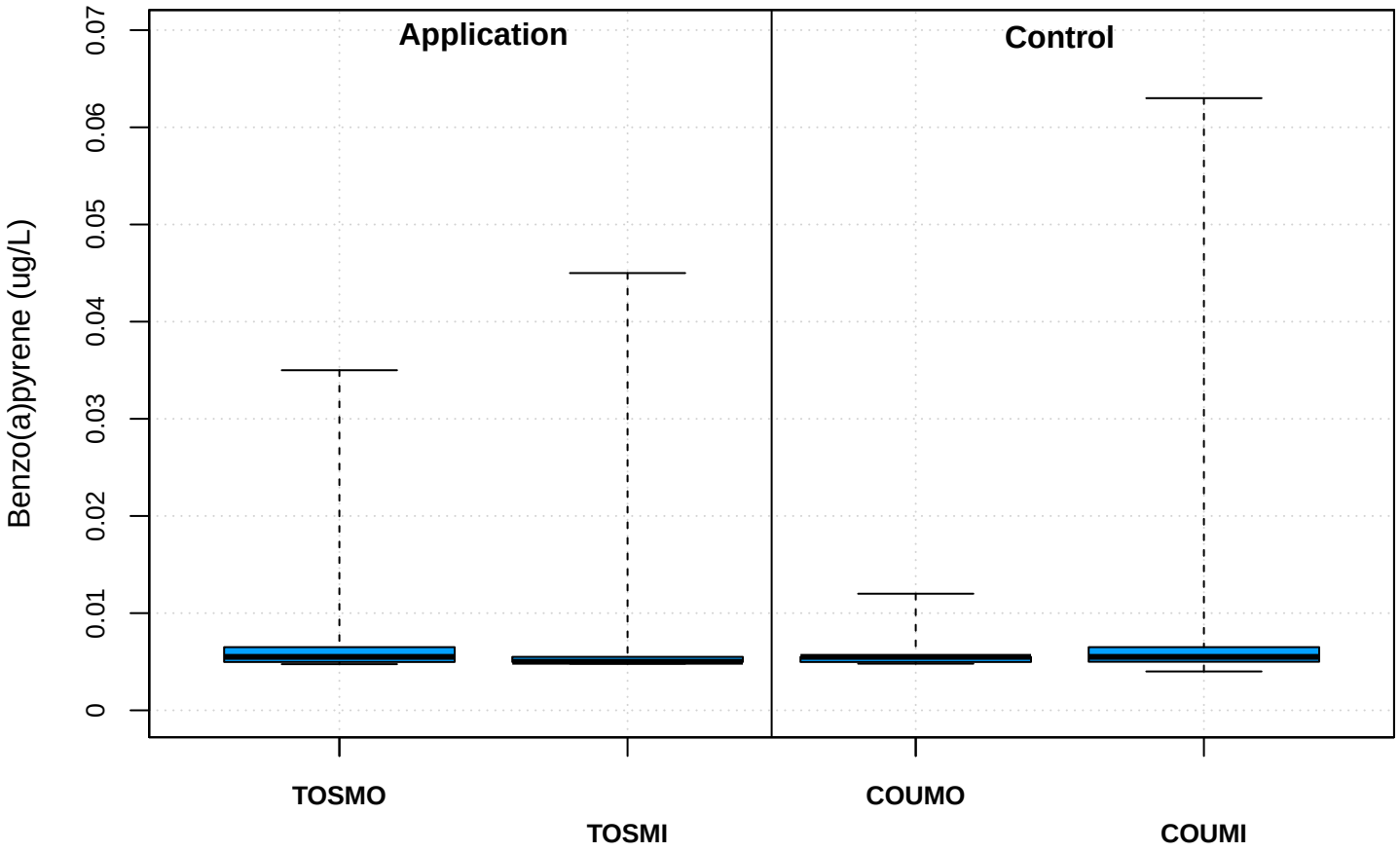
Storm Events

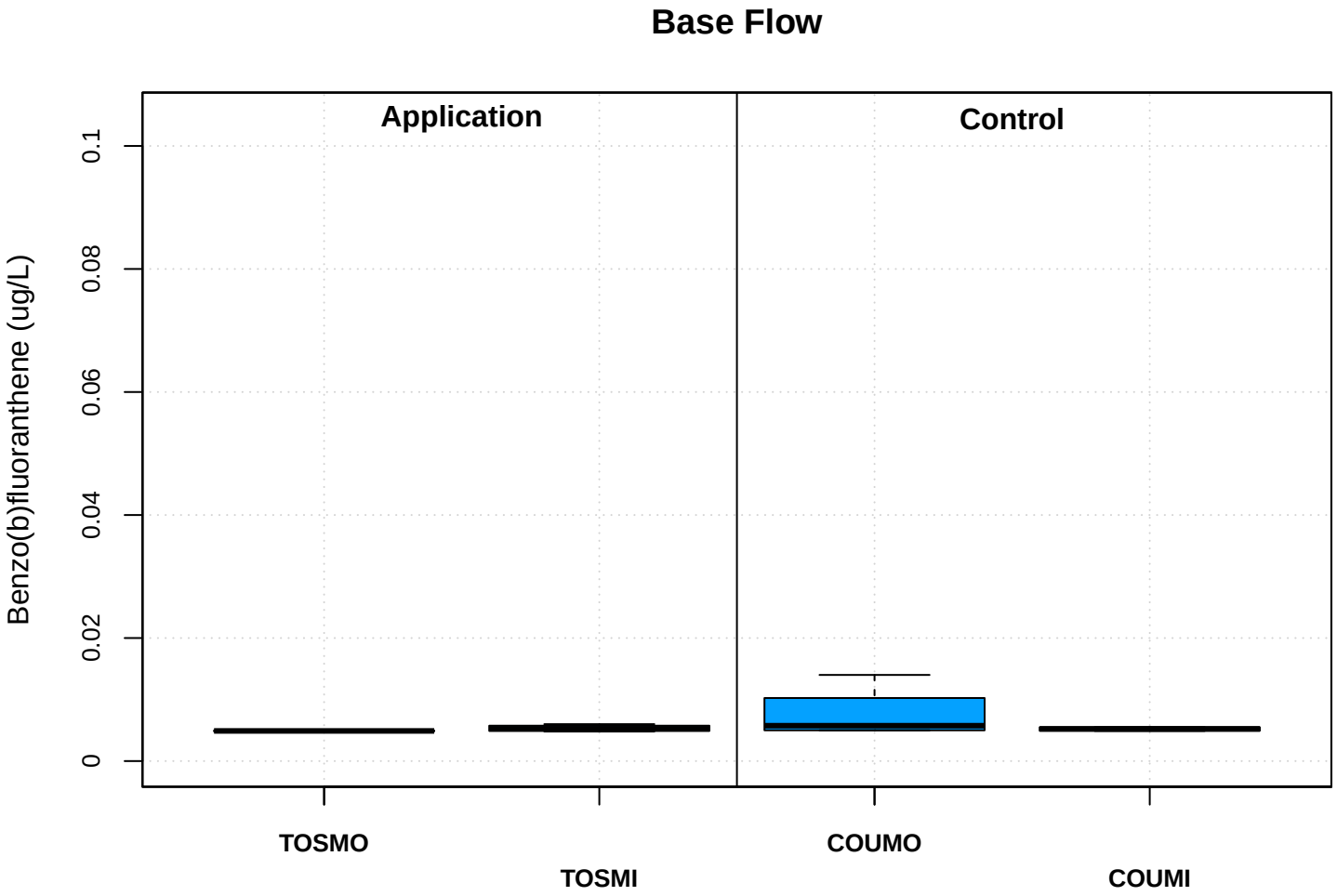


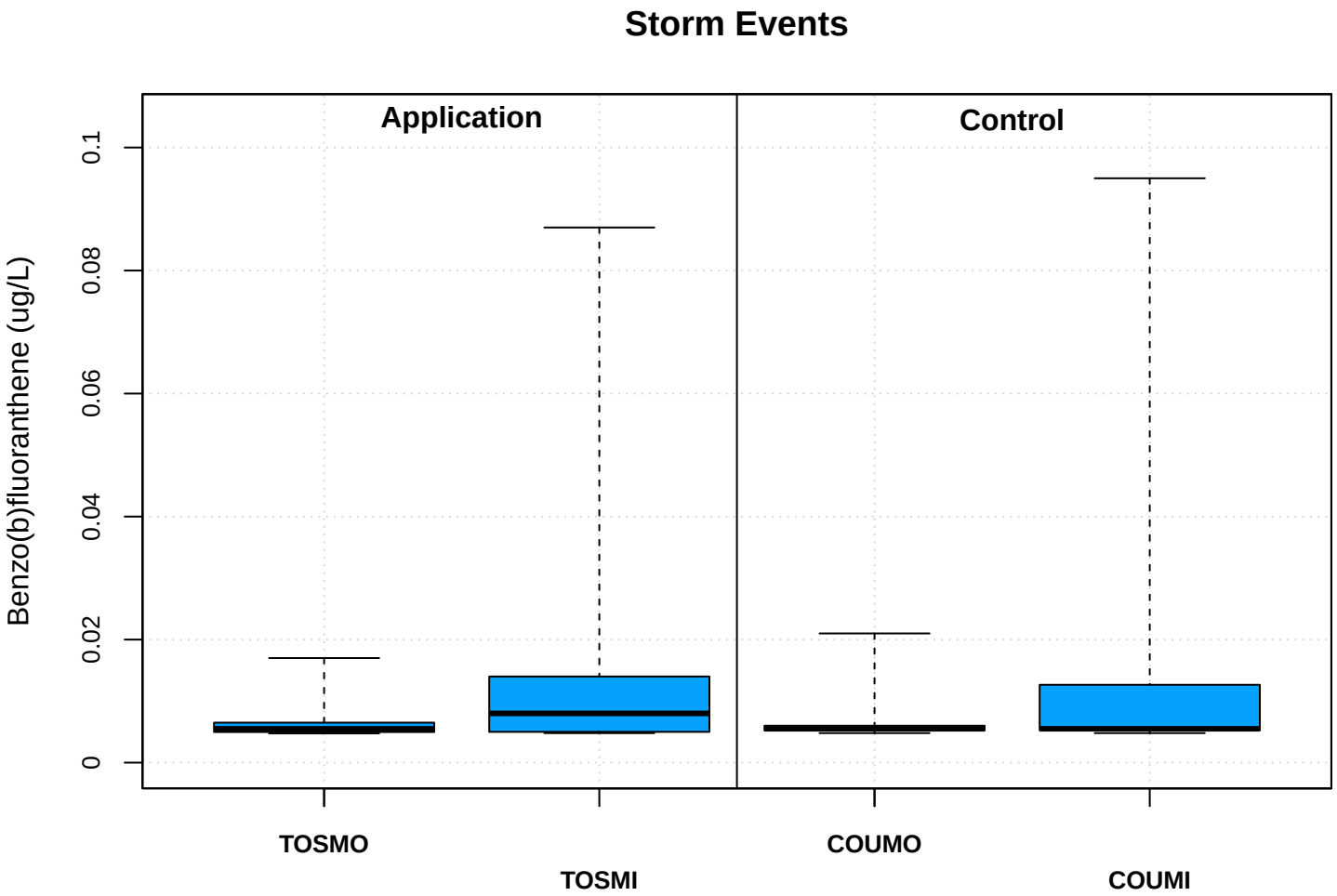
Base Flow



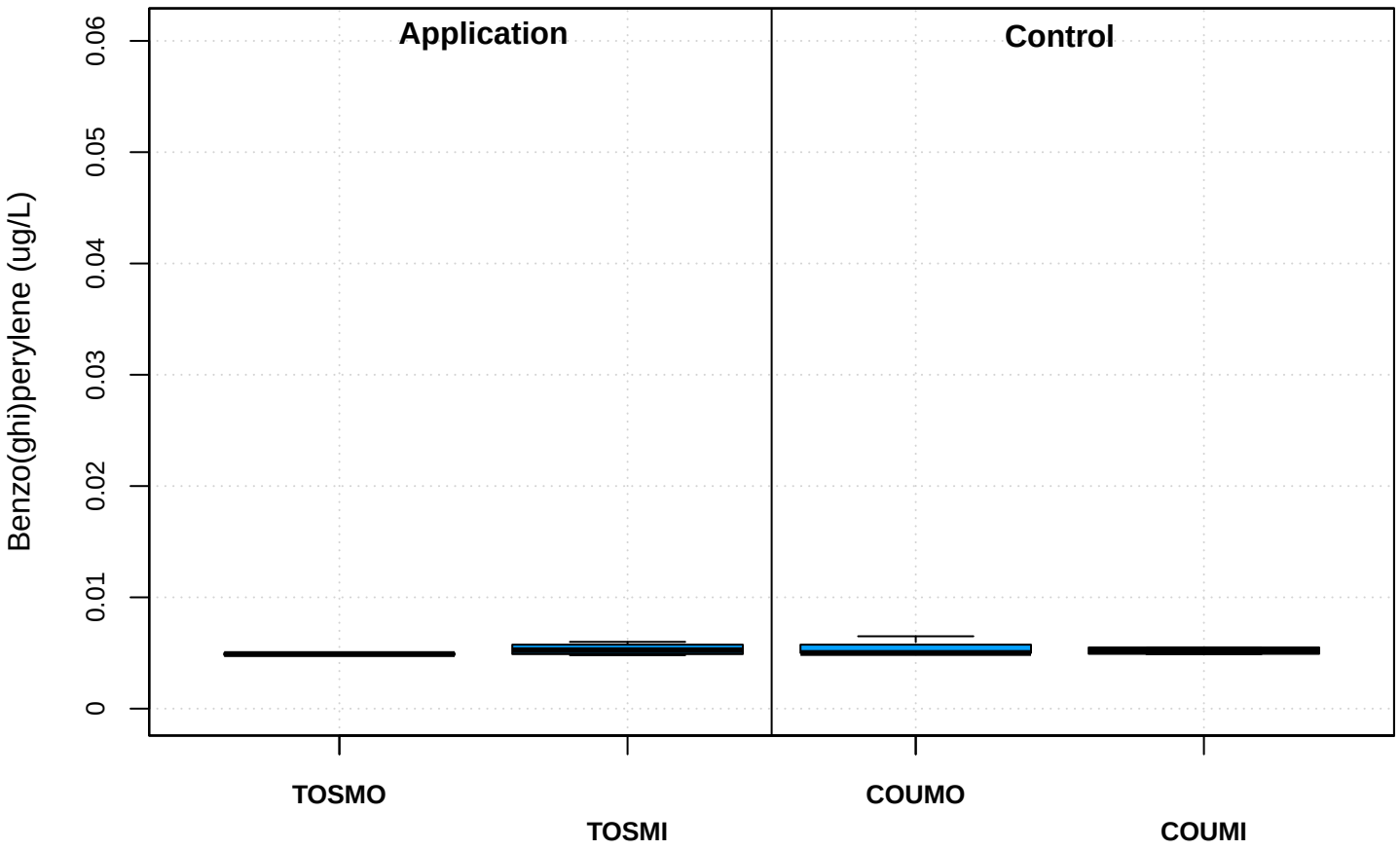
Storm Events



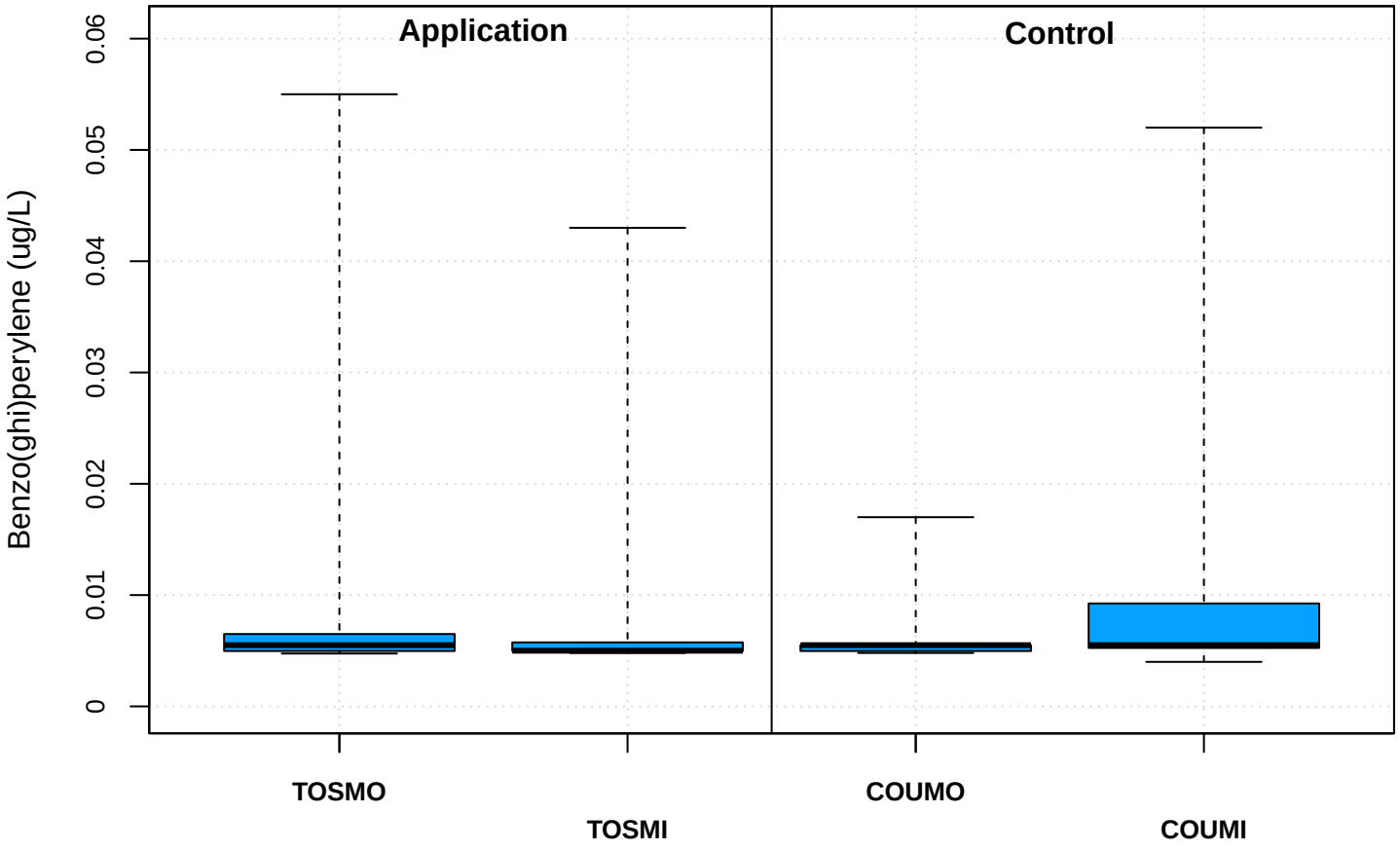

Base Flow
Application
Control
Benzo(b)fluoranthene (ug/L)
0
0.02
0.04
0.06
0.08
0.1
TOSMO
TOSMI
COUMO
COUMI


Storm Events
Application
Control
Benzo(b)fluoranthene (ug/L)
0
0.02
0.04
0.06
0.08
0.1
TOSMO
TOSMI
COUMO
COUMI

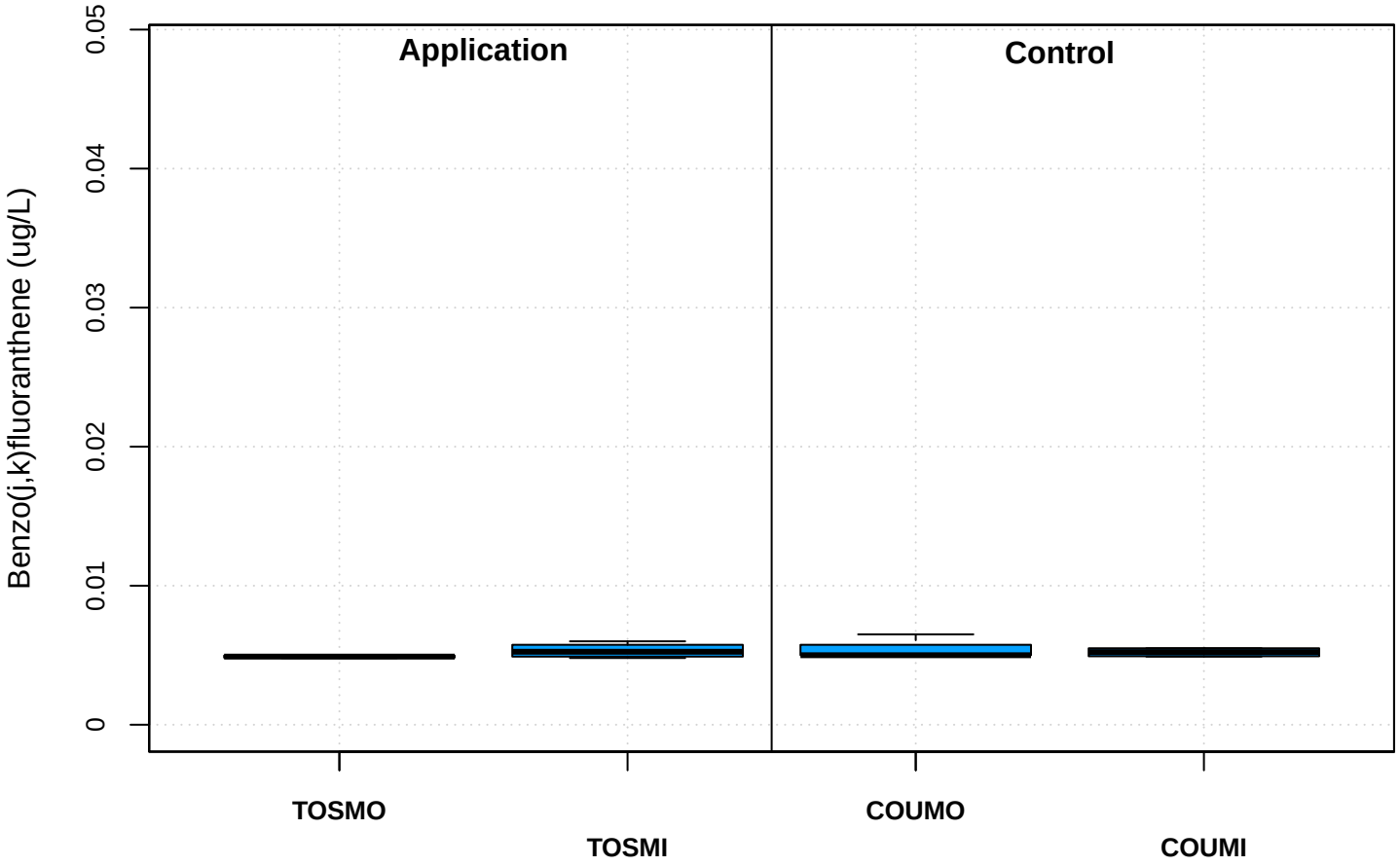
Base Flow



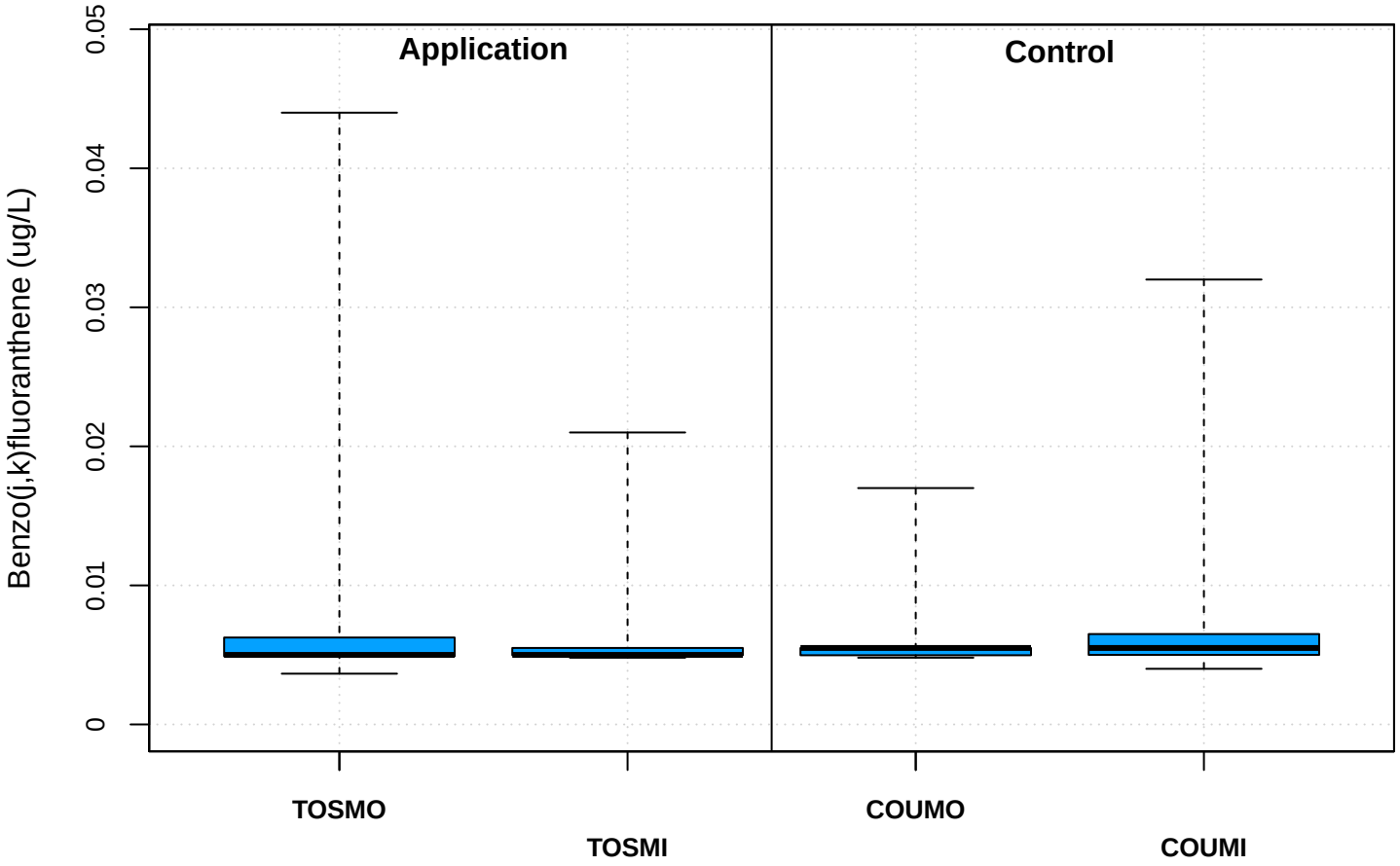
Storm Events

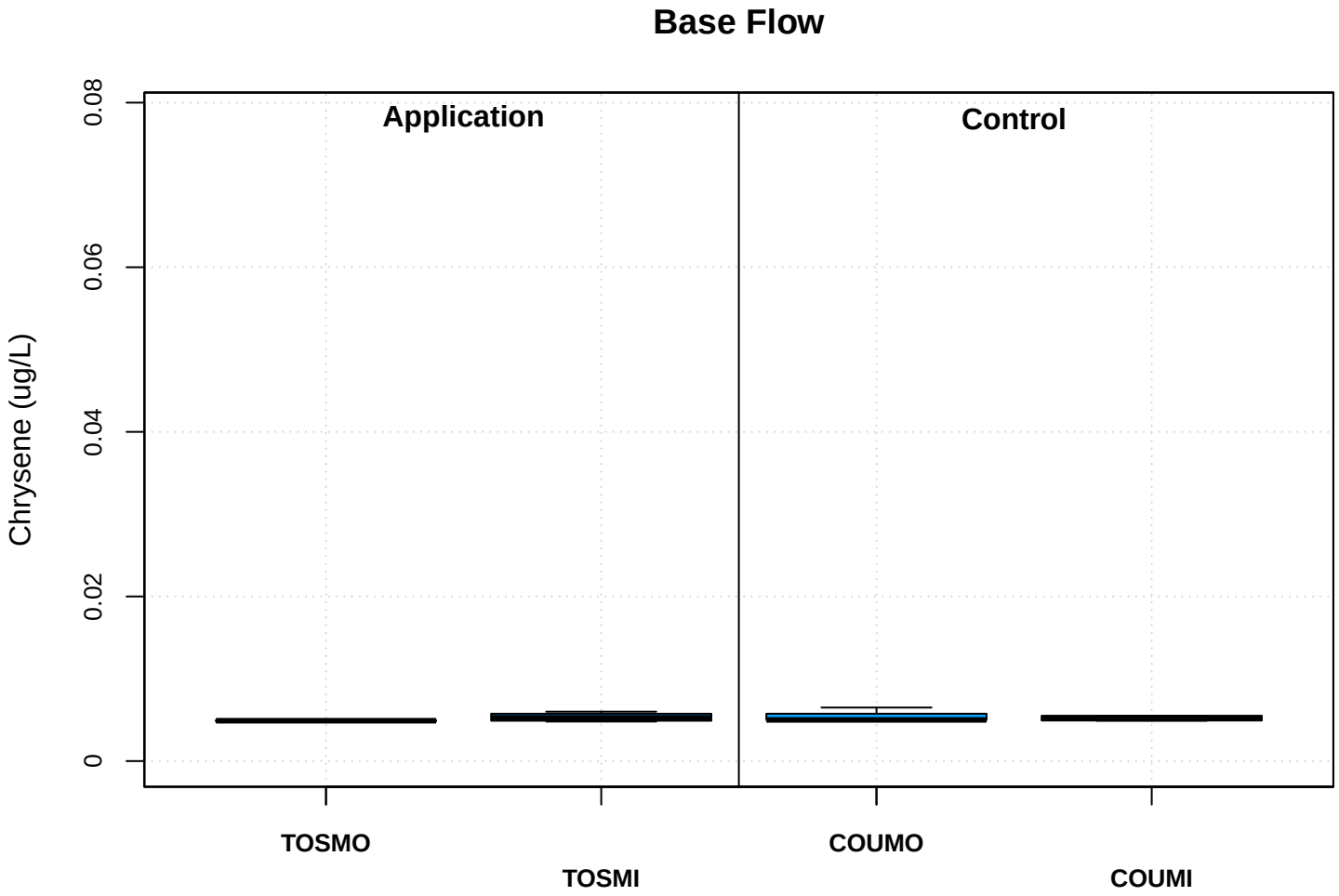


Base Flow



Storm Events




Base Flow
Application
Control
Chrysene (ug/L)
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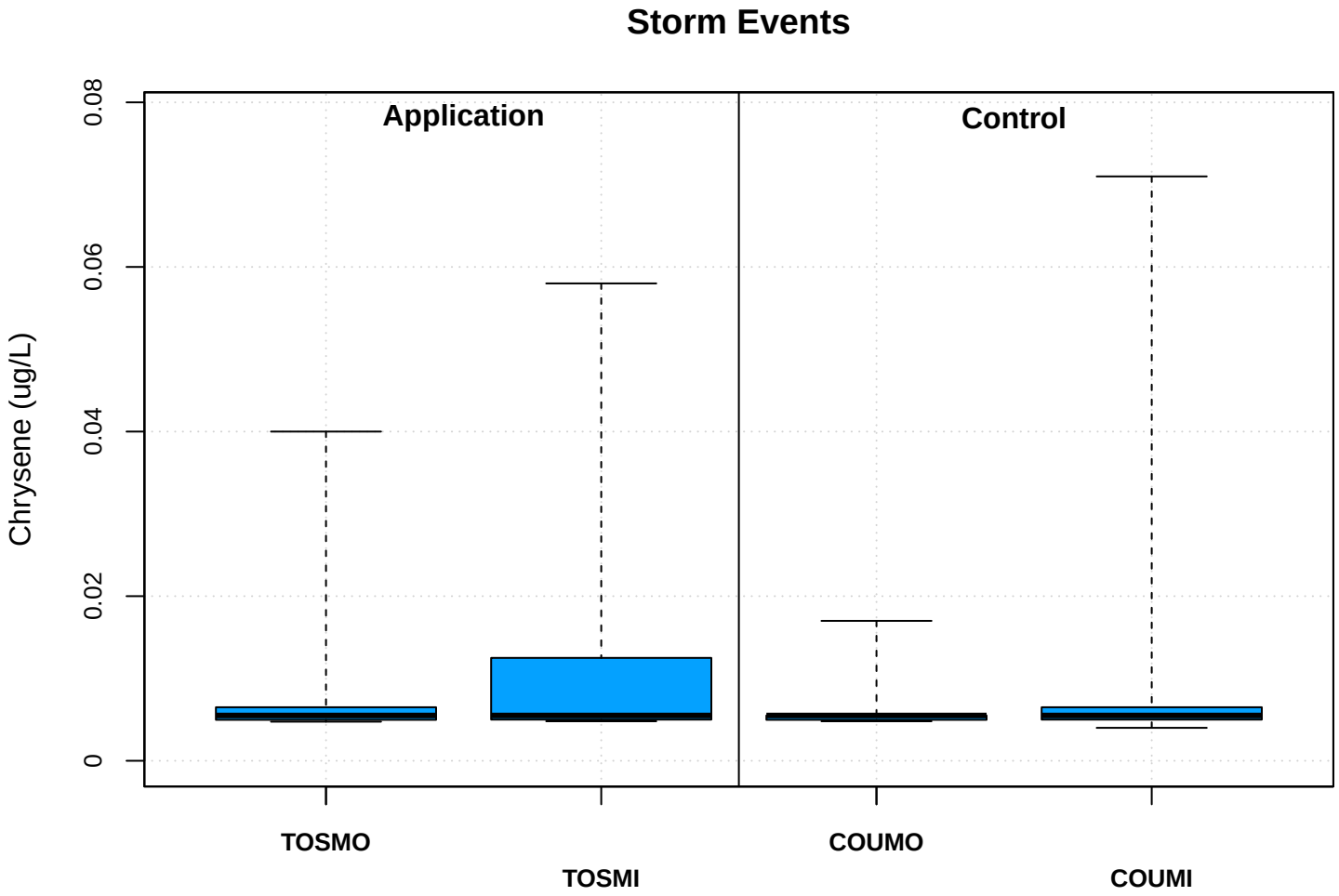
Storm Events
Application
Control
Chrysene (ug/L)
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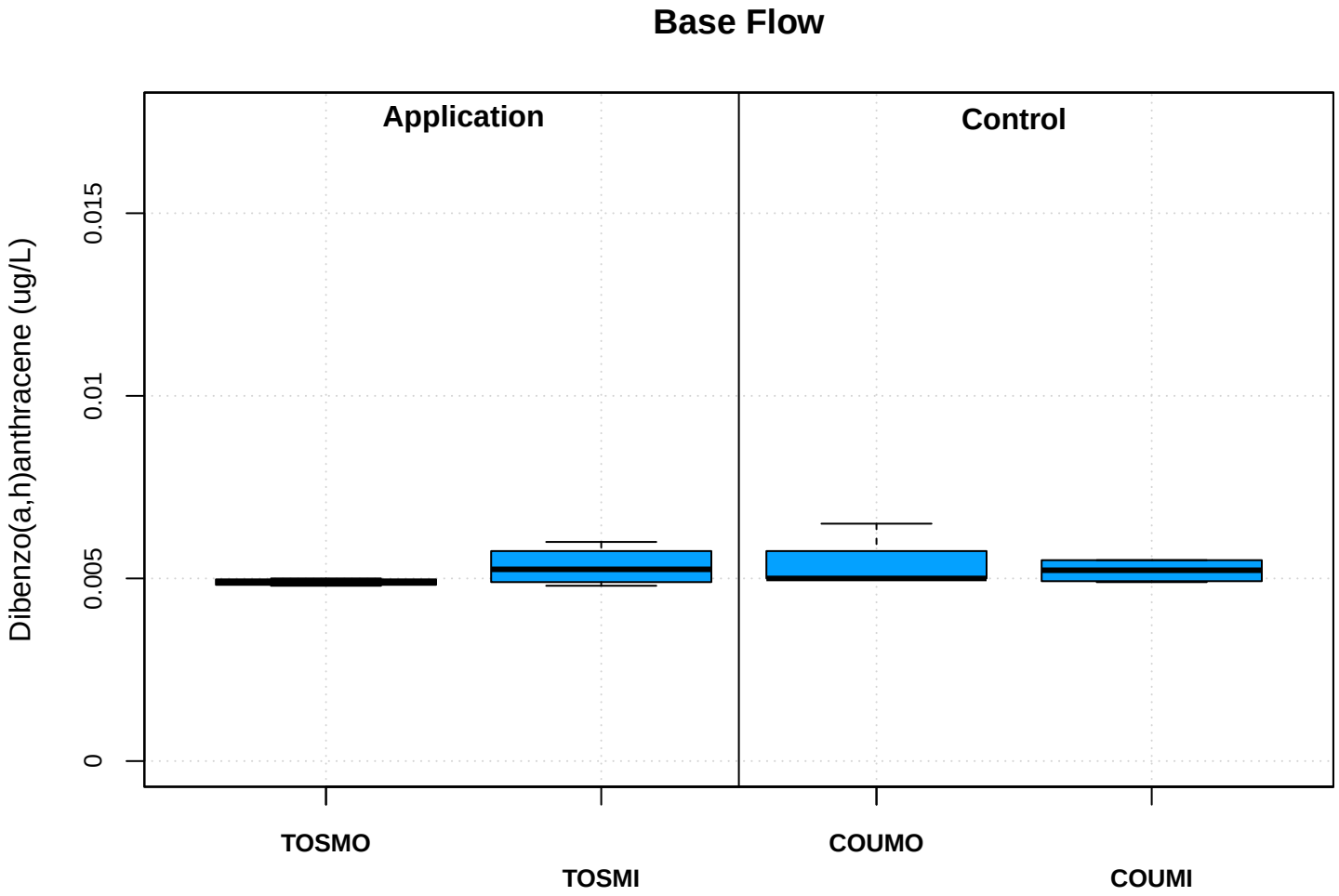
Base Flow
Application
Control
Dibenzo(a,h)anthracene (ug/L)
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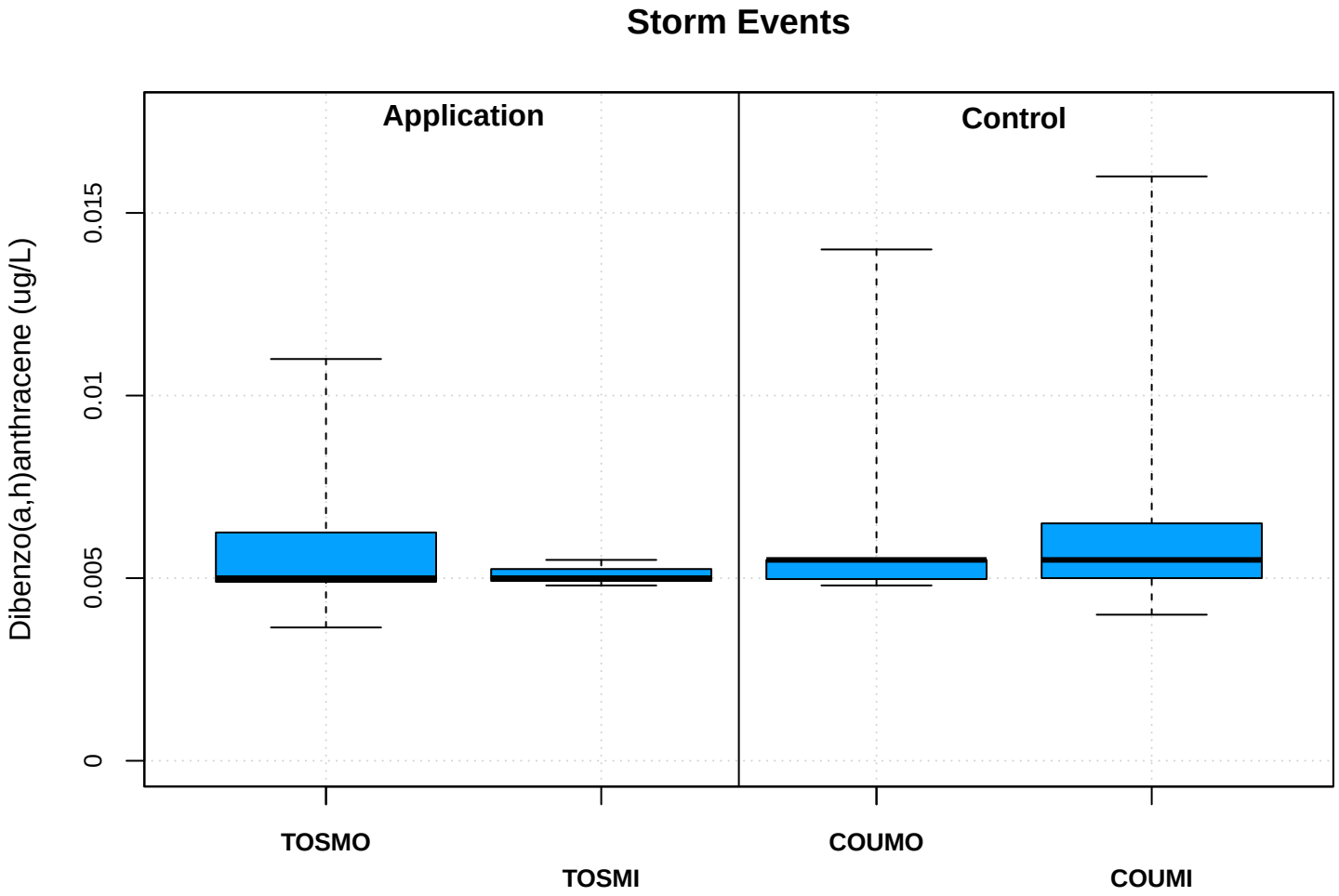
Storm Events
Application
Control
Dibenzo(a,h)anthracene (ug/L)
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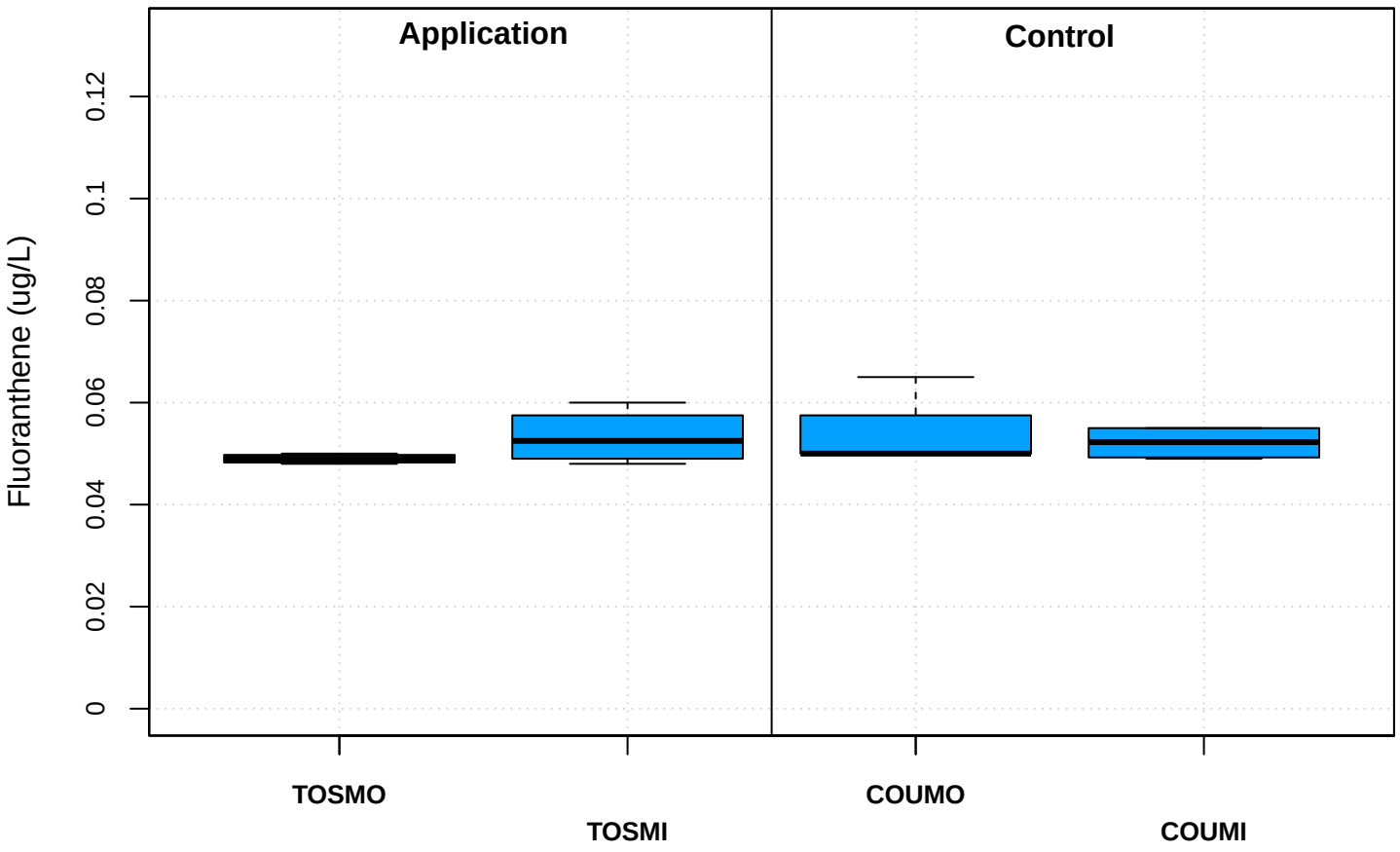
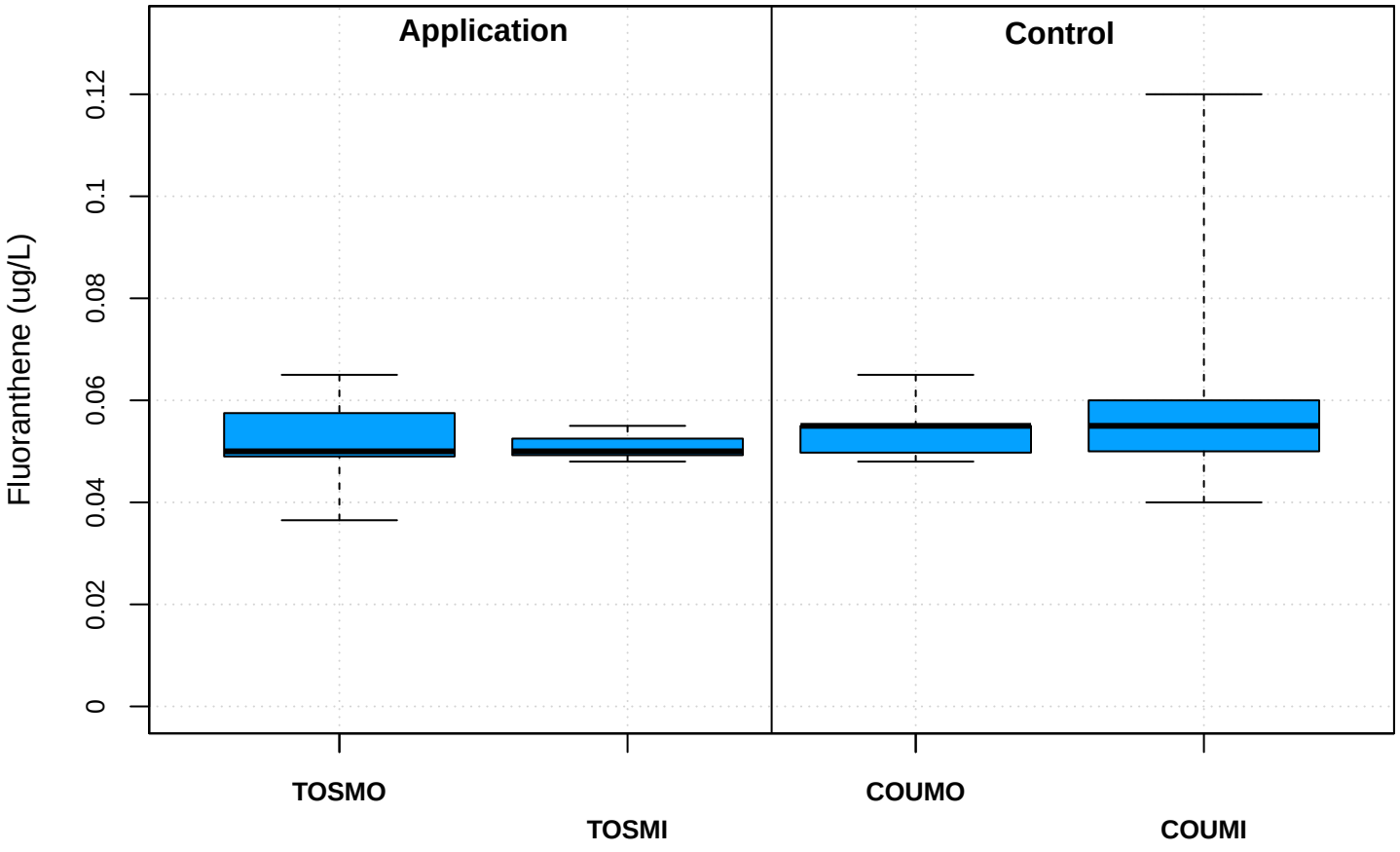
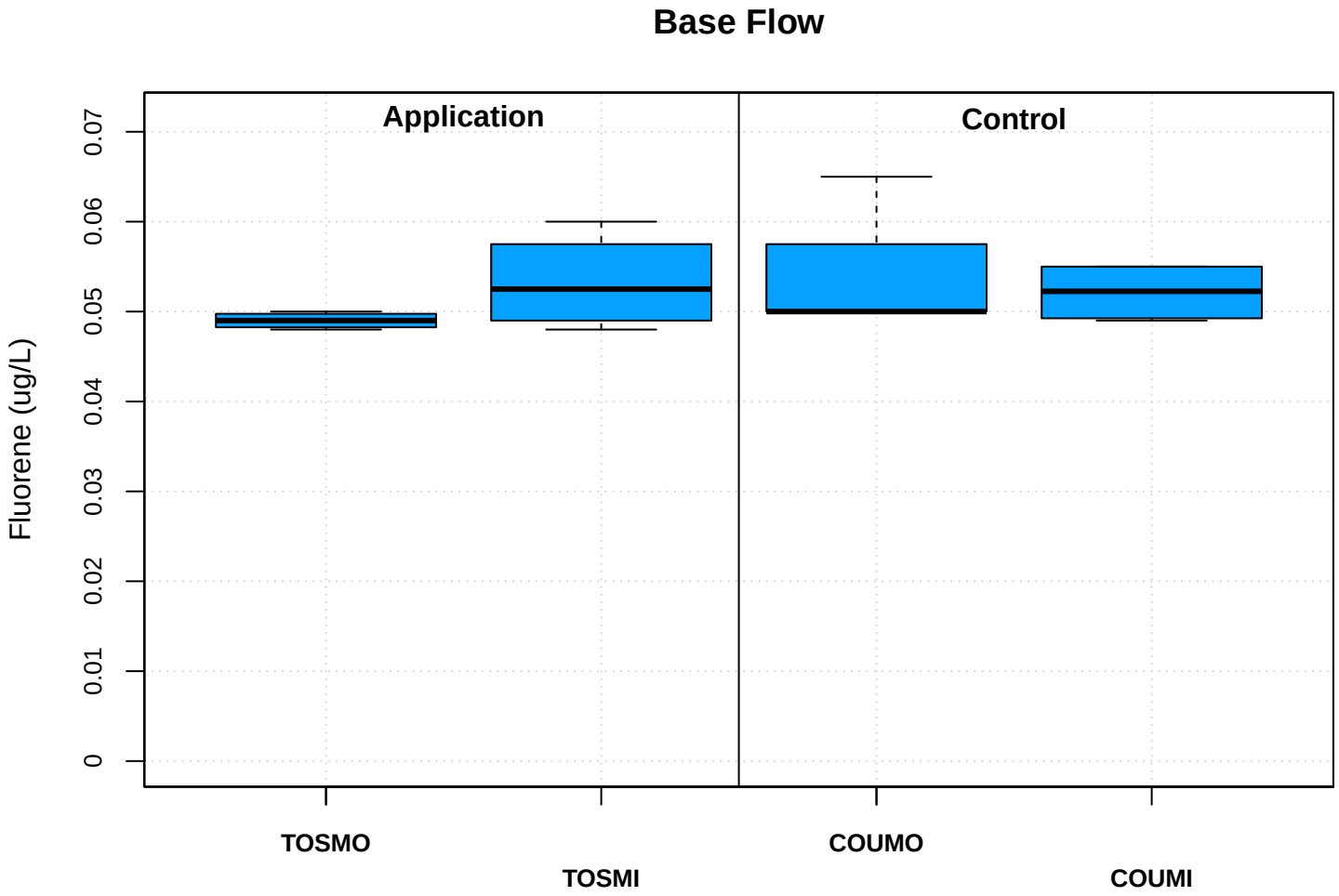
Base Flow



Storm Events




Base Flow
Application
Control
Fluorene (ug/L)
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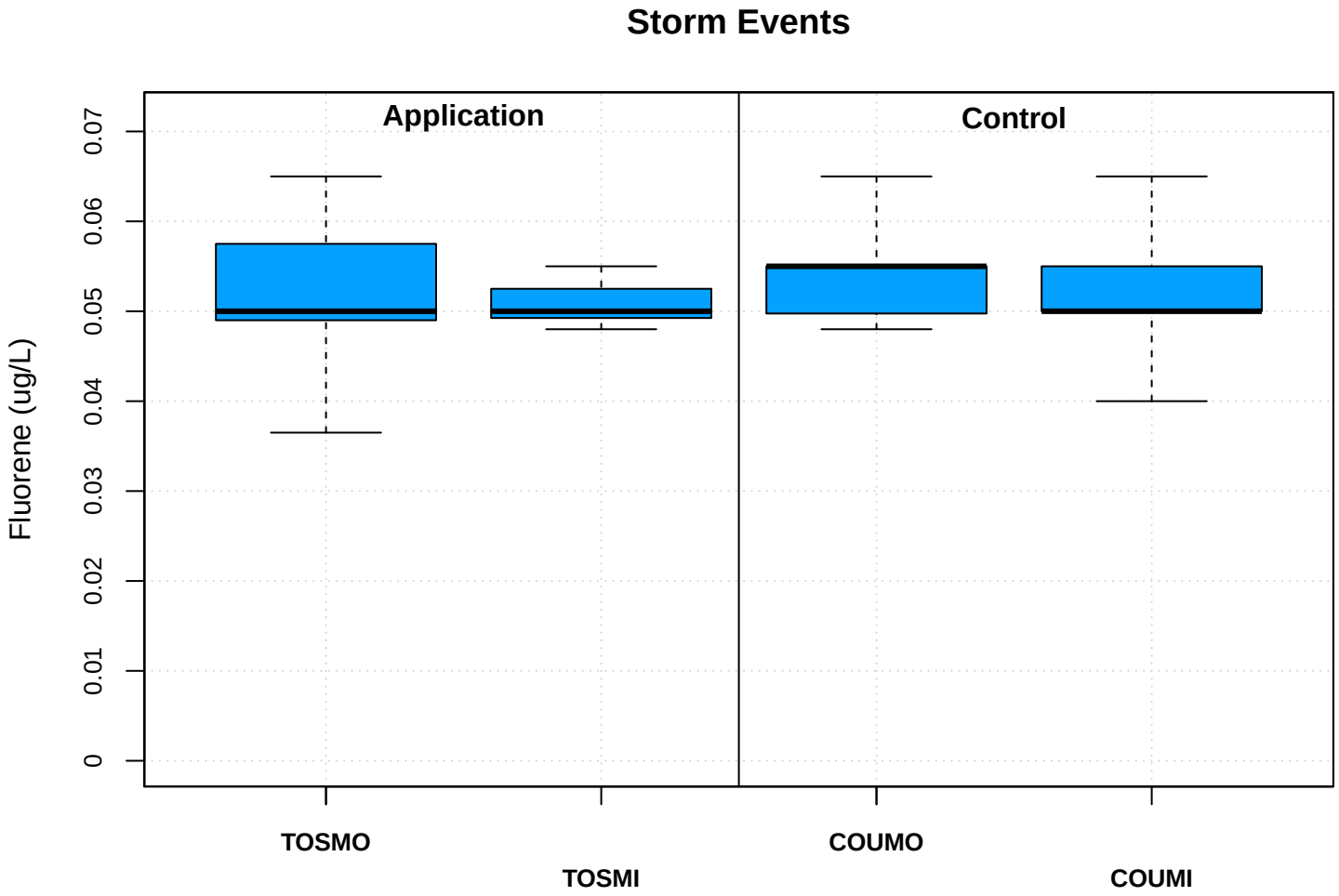
Storm Events
Application
Control
Fluorene (ug/L)
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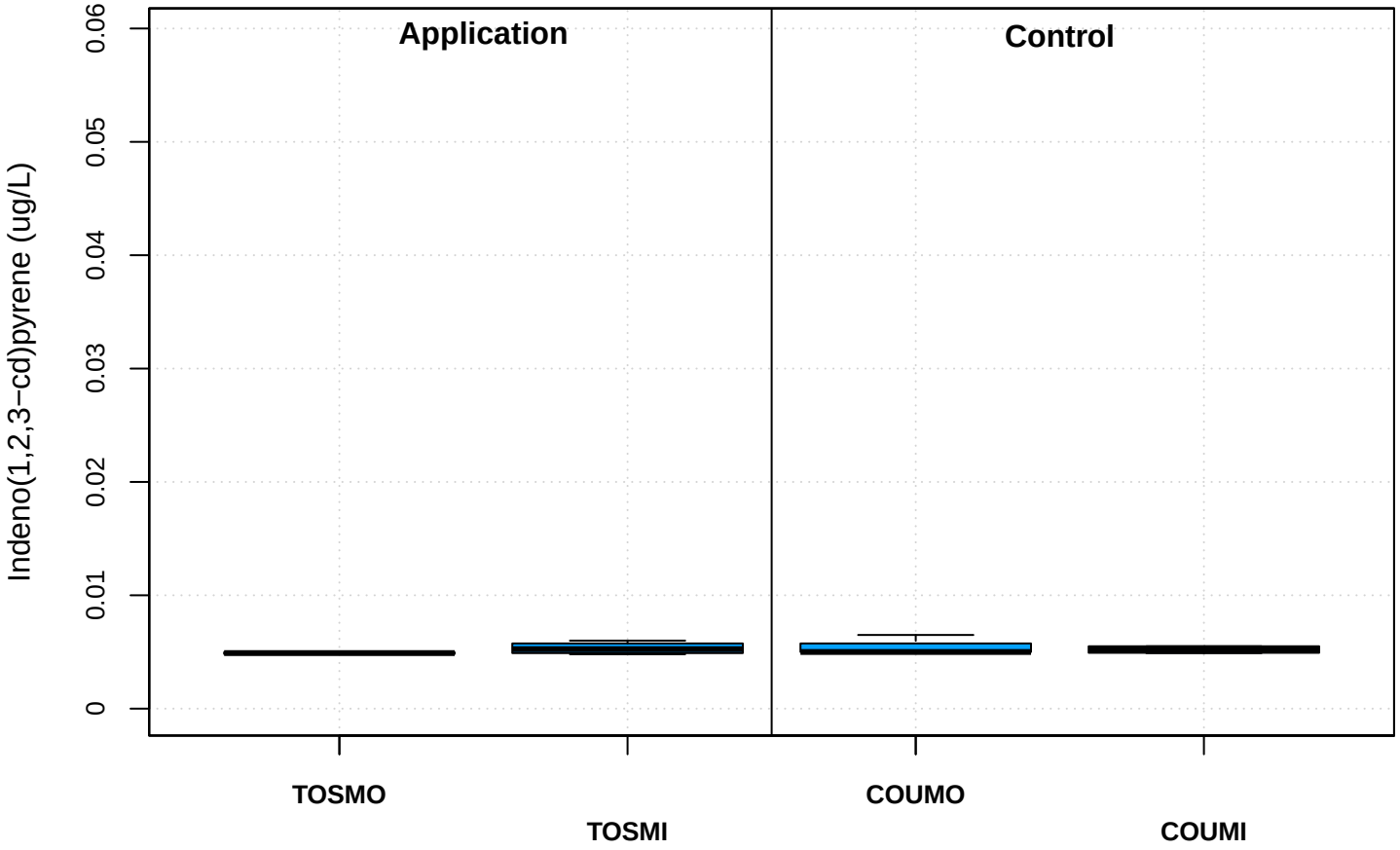
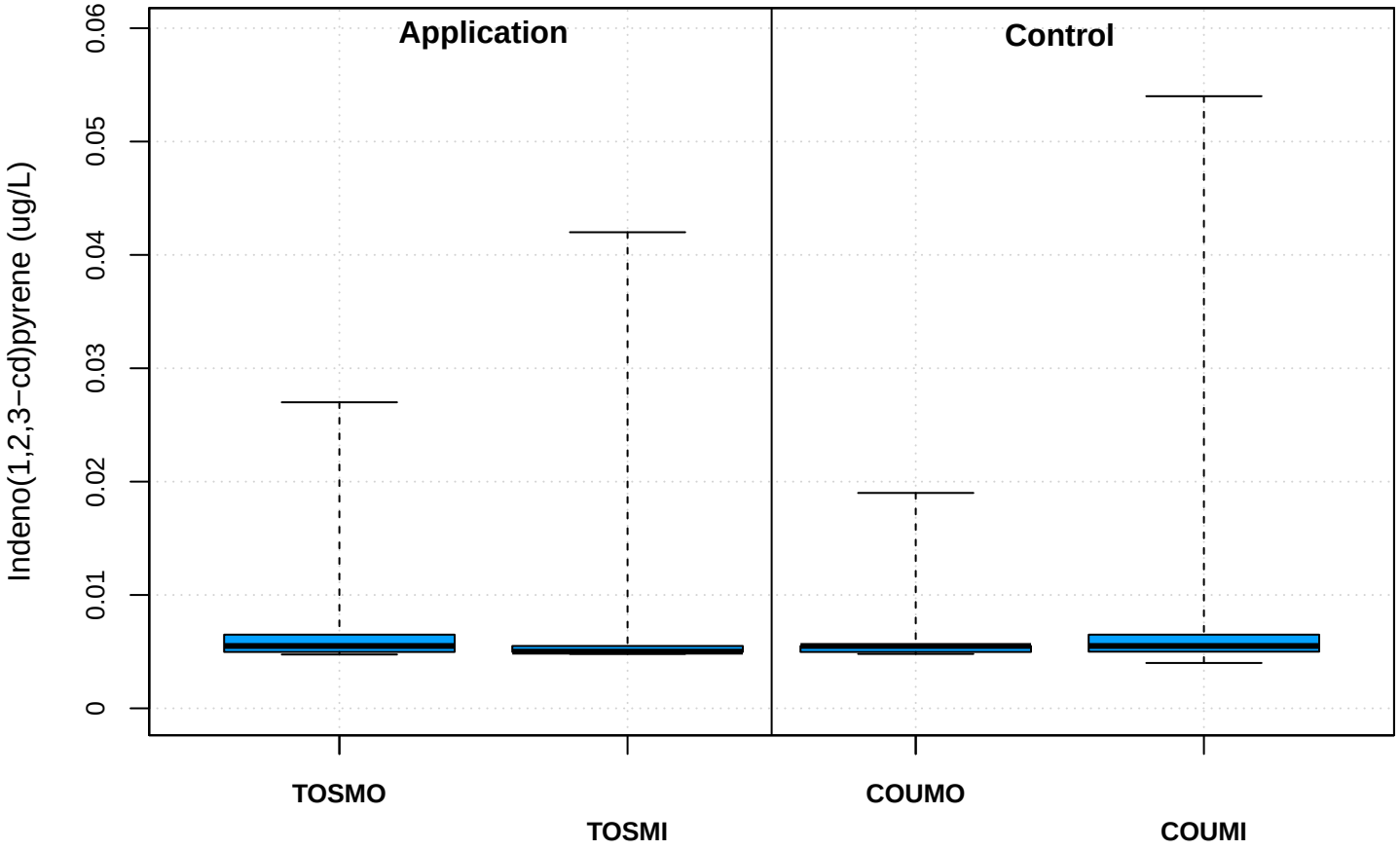
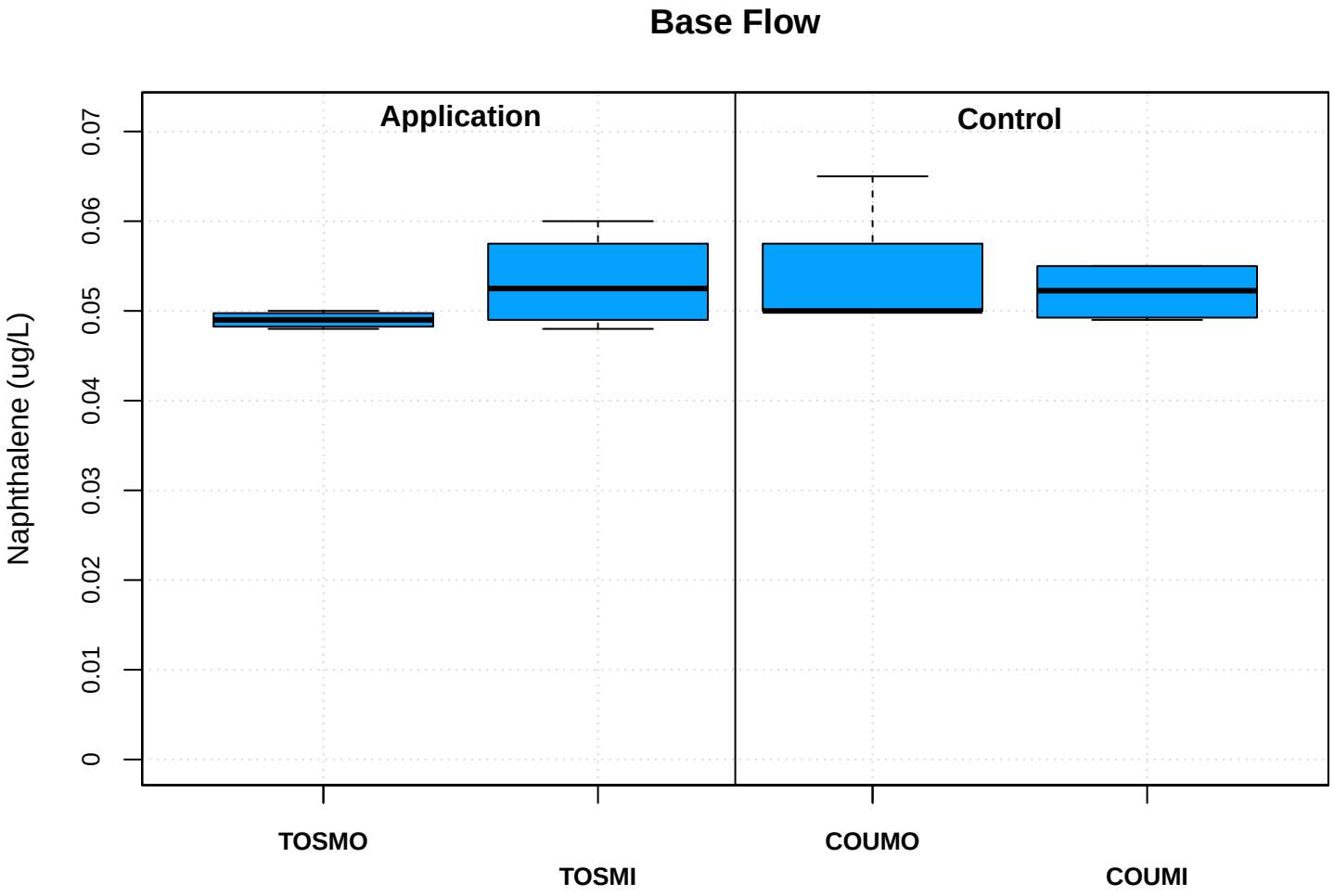
Base Flow



Storm Events




Base Flow
Application
Control
Naphthalene (ug/L)
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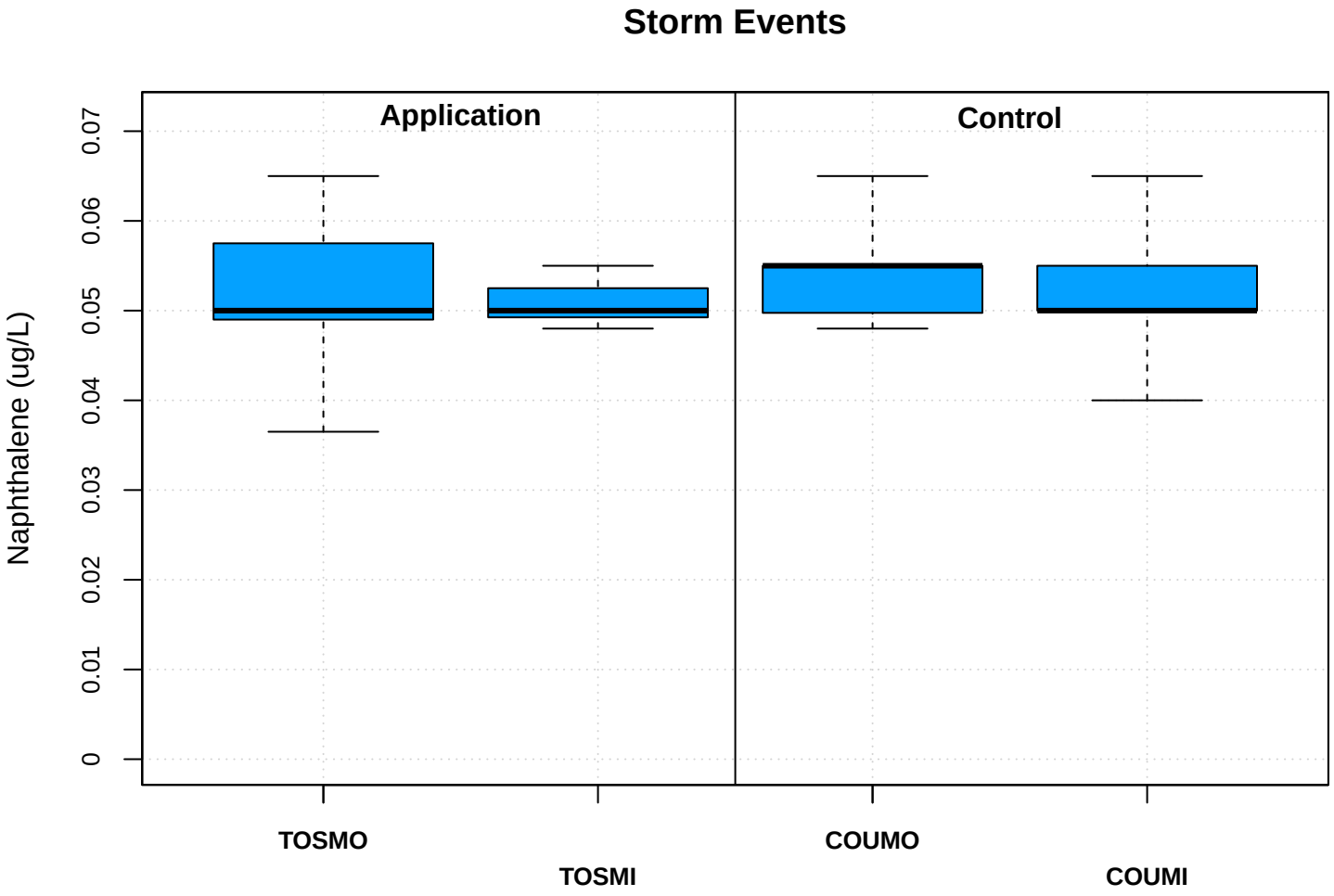
Storm Events
Application
Control
Naphthalene (ug/L)
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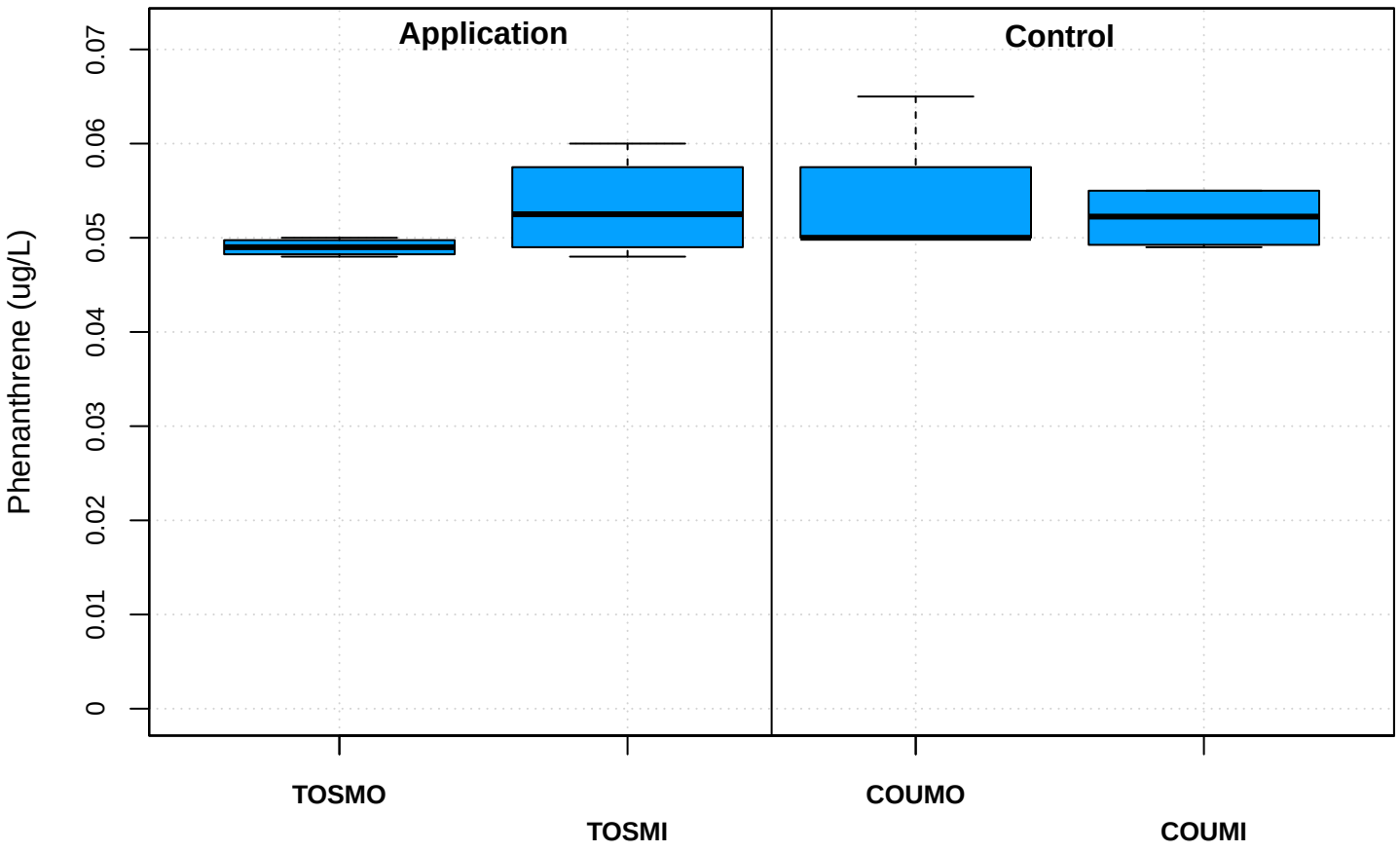
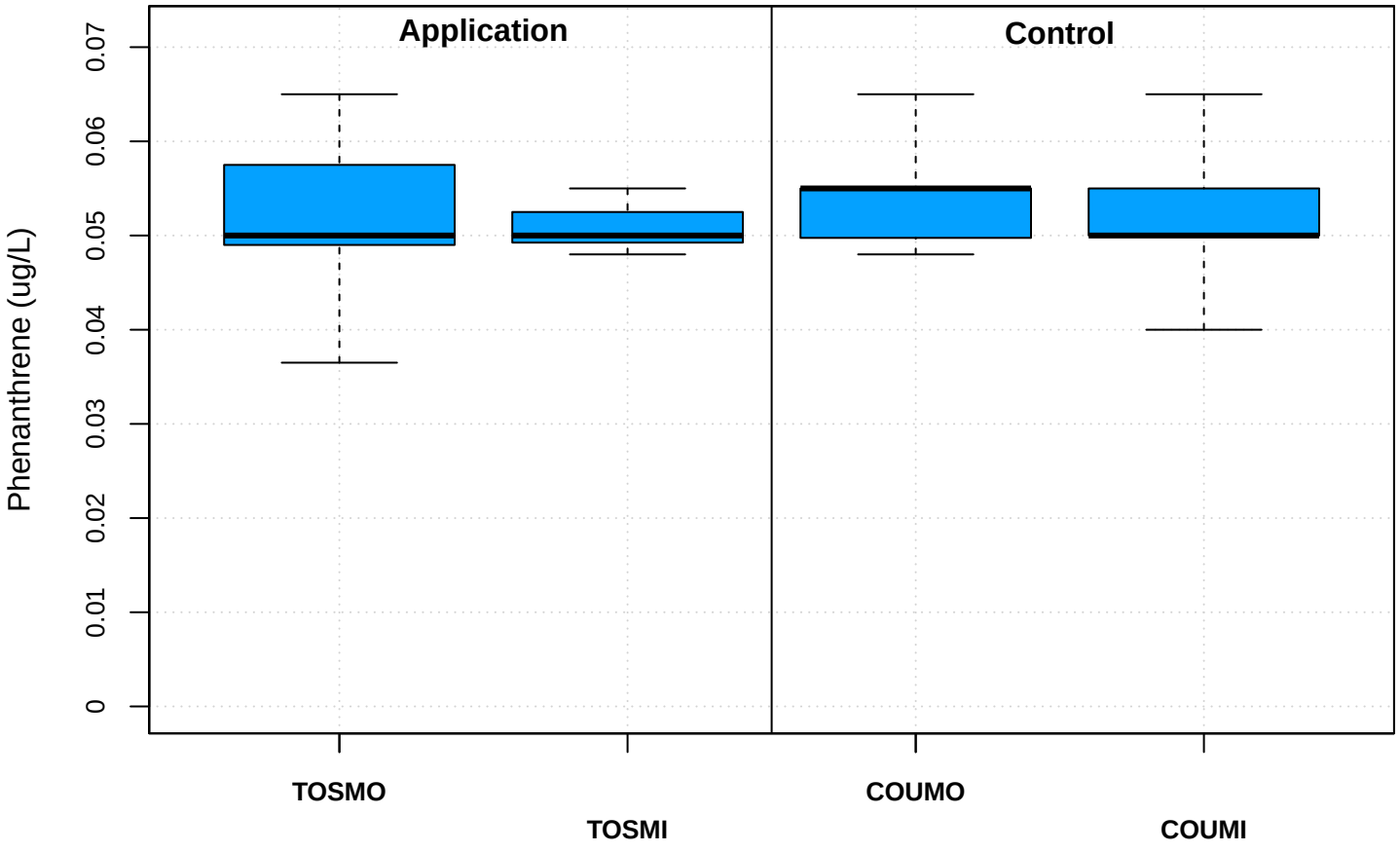
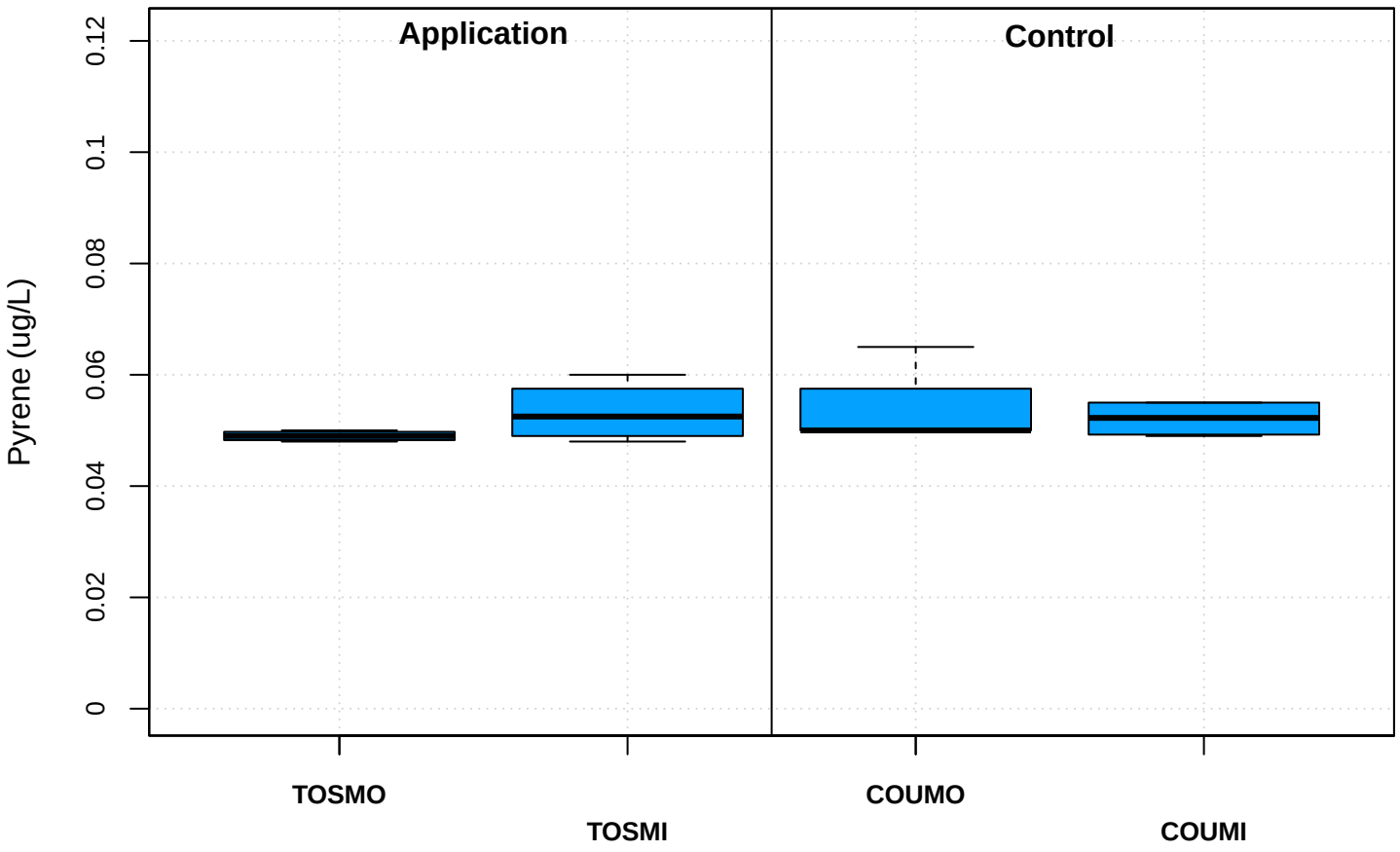
Base Flow



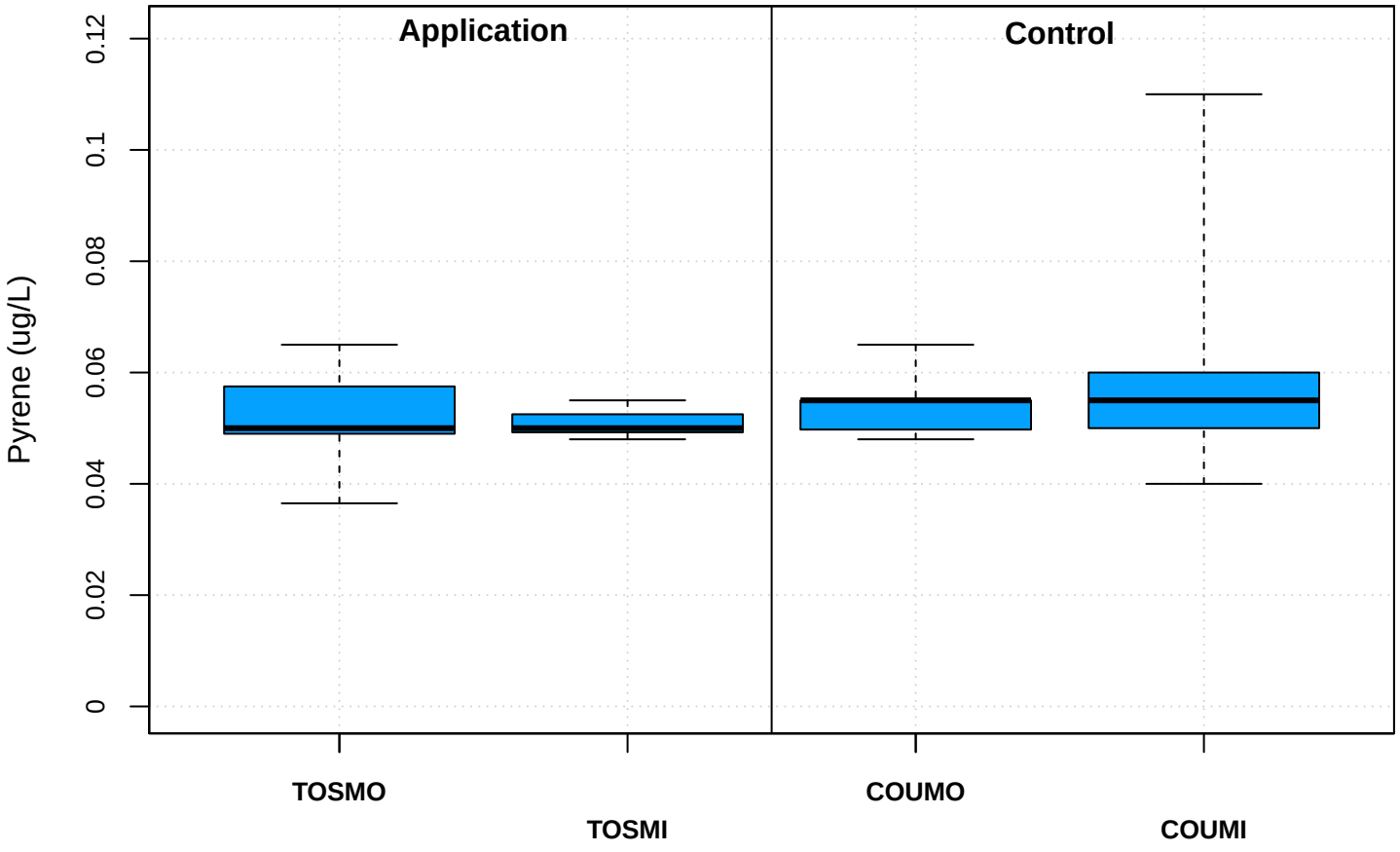
Storm Events



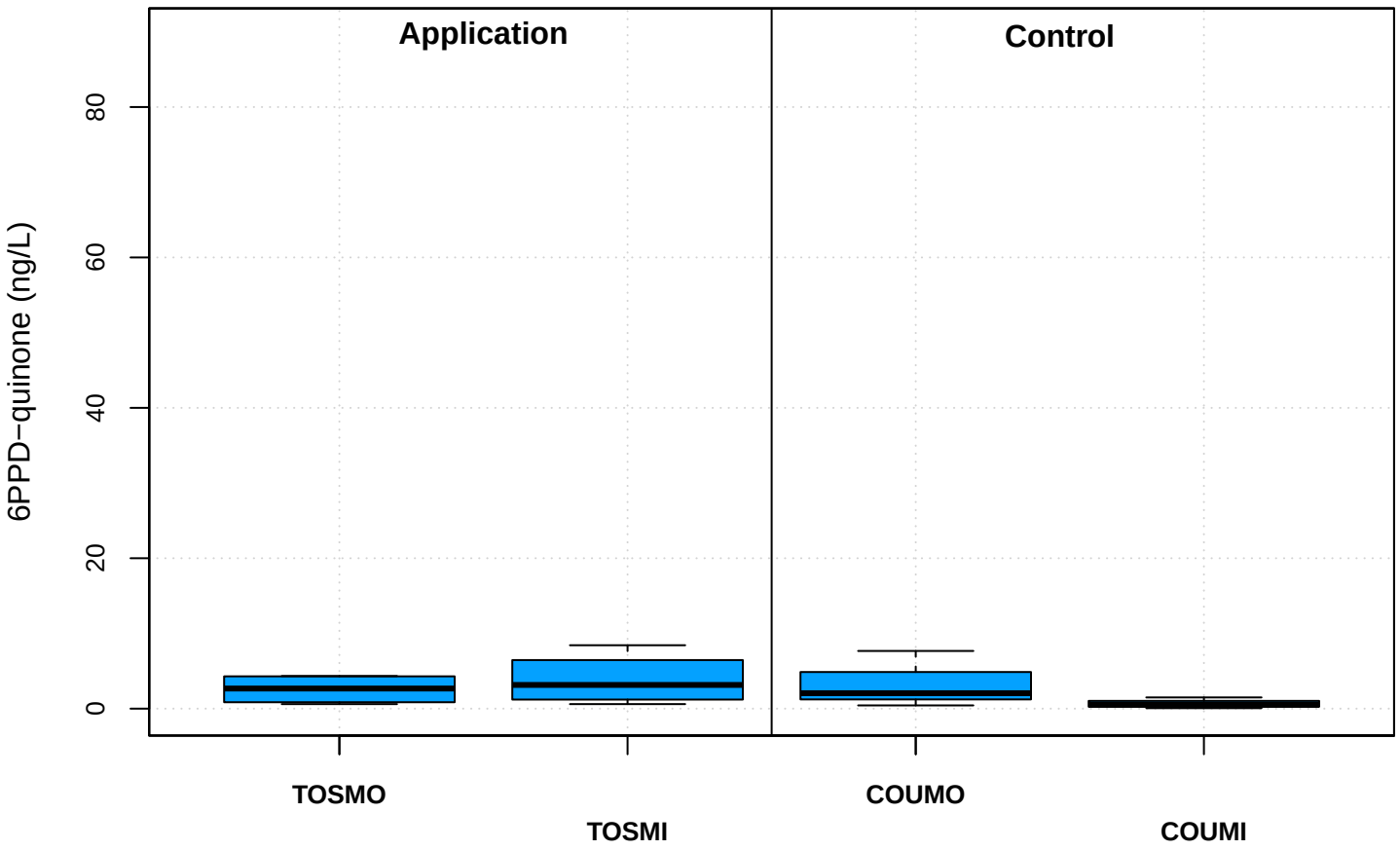
Base Flow



Storm Events



Base Flow



Storm Events

