



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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September 30, 2014

TO: William Appleton, Chair, Pooled Resources Oversight Committee

CC: Pooled Resources Oversight Committee Members, Alternates, and Interested Parties

THROUGH: Bill Moore, Water Quality Program Development Services Section Manger

FROM: Brandi Lubliner, Regional Stormwater Monitoring Program Coordinator

**SUBJECT: Regional Stormwater Monitoring Program Quarterly Report
for April 1 through June 30, 2014**

The Regional Stormwater Monitoring Program (RSMP) is funded by municipal stormwater permittees and administered by the Washington State Department of Ecology (Ecology) under the direction of the Pooled Resources Oversight Committee (PRO-Committee) and the Stormwater Work Group (SWG). More information about the RSMP is available at <http://www.ecy.wa.gov/programs/wq/stormwater/municipal/rsmp.html>.

Ecology delivers quarterly reports on RSMP implementation to the PRO-Committee. The PRO-Committee briefs the SWG and requests direction as needed to clarify priorities and goals.

Attached please find Ecology's first quarterly report as the RSMP administrator. Please contact RSMP Coordinator Brandi Lubliner at brandi.lubliner@ecy.wa.gov or (360) 407-7140 for more information.

Attachment (2pp.)

Regional Stormwater Monitoring Program Quarterly Report

For April 1 through June 30, 2014

RSMP accomplishments and key decisions reported for the quarter

- Stream monitoring sites were confirmed.
- The Stormwater Work Group (SWG) recommended adjusting the Regional Stormwater Monitoring Program (RSMP) status and trends scope to meet priority objectives within the available budget.
 - The re-scoped monitoring will include sampling streams for more parameters at a reduced number of water quality sites; the full number of sediment and watershed health samples will be collected.
 - Nearshore bacteria data collected by other entities will be analyzed in lieu of spending RSMP funds to collect more data.
- The SWG decided which RSMP effectiveness studies will move forward first.
- The Pooled Resources Oversight Committee (PRO-Committee) is overseeing contracting decisions focusing on scope, schedule, and budget.

RSMP revenue, budget, and planned activities

Revenue and expenditures reported for the previous quarter and anticipated for the coming quarter

Although most of the revenue is not due until the coming quarter, permittees have been paying early. The beginning balance reported below is funds submitted by Phase I permittees in October 2013 for status and trends monitoring. Encumbrances in excess of projected revenues will be for projects spanning multiple years. Specifically, the 2015 streams sampling will be paid partly before August 2015 permittees' payments are due and partly (mostly) after. Table 1 shows detail for each RSMP component and for the whole program. Ecology's program administration expenses are limited to 5% of the total RSMP revenue and are not separately accounted for by the three RSMP components.

Table 1. Summary of revenues, expenditures, encumbrances, and available funds for each RSMP component

Reported and projected income and expenditures	Status and trends (4-year project total: \$3,454,966)		Effectiveness studies (4-year project total: \$6,299,238)		SIDIR (4-year project total: \$677,250)		RSMP total (4-year project total: \$10,431,454)		
	April-June 2014	July-Sept 2014 <i>(anticipated)</i>	April-June 2014	July-Sept 2014 <i>(anticipated)</i>	April-June 2014	July-Sept 2014 <i>(anticipated)</i>	Ecology's April-June administration expenses	April-June 2014	July-Sept 2014 <i>(anticipated)</i>
Balance at start of quarter	\$70,000	\$388,237	\$0	\$719,474	\$0	\$66,724	-	\$70,000	\$1,174,435
Revenues	\$318,237	\$528,005	\$719,474	\$855,335	\$66,724	\$102,589	-	\$1,104,435	\$1,485,929
Expenditures	\$0	\$35,800	\$0	\$0	\$0	\$0	\$20,156	\$20,156	\$55,900
Balance at end of quarter	\$388,237	\$880,442	\$719,474	\$1,574,809	\$66,724	\$169,313	-	\$1,154,279	\$2,640,264
Encumbrances	\$35,800	\$1,300,000	\$0	\$1,530,325	\$0	\$0	-	\$35,800	\$2,830,325

Status and trends monitoring

The SWG delivered recommendations to Ecology (http://www.ecy.wa.gov/programs/wq/psmonitoring/ps_monitoring_docs/SWworkgroupDOCS/25July2014SWGLetterToEcology.pdf) for re-scoping overall status and trends monitoring.

RSMP Coordinator is implementing the recommendations with input and advice from the PRO-Committee.

Small streams water quality and watershed health

The U.S. Geological Survey completed their work to confirm the list of streams monitoring sites (<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/rsmpFindings.html>). The RSMP will pay \$35,800 for this deliverable in July. The RSMP Coordinator is working on identifying labs and which permittees (counties) are interested in conducting the monitoring. Contracts are expected to be finalized with four to five counties, USGS, and at least two labs in the coming quarter.

Marine nearshore sediment chemistry

No activity to report.

Contaminants in mussels

The RSMP Coordinator is working with the Washington Department of Fish and Wildlife to finalize the QAPP and budget for this activity.

Nearshore bacteria

No activity to report.

Effectiveness studies

The RSMP Coordinator is working on contracts to begin the first four of ten studies approved by the SWG last quarter.

Source Identification Information Repository (SIDIR)

No RSMP activity to report. Only a few permittees are entering illicit discharge detection and elimination event data using Ecology's online form. There is a possibility that during the next quarter recommendations will be made to enter into contract to build a better database for results and findings of illicit discharge detection and elimination activities and/or to develop a methods and approaches on-line library.

RSMP contracts and agreements

No contracts were awarded in the previous quarter. Contracts are planned to be awarded in the next quarter to:

- U.S. Fish and Wildlife Service for biofiltration toxicity reduction effectiveness study for \$149,105
- King Co for Echo Lake highway retrofit effectiveness study for \$480,595
- King Co for Hylebos Creek bioretention pond effectiveness study for \$860,625
- City of Redmond for paired basin retrofit effectiveness study for approximately \$40,000 (team coordination and QAPP components of original proposal; this is a first-stage contract with another expected in 2015)
- U.S. Geological Survey, 4-5 counties, and 2 or more labs for streams monitoring in 2015 for a total of approximately \$1,300,000

RSMP deliverables received in the previous quarter

The U.S. Geological Survey delivered the list of confirmed streams monitoring sites and associated findings (<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/rsmpFindings.html>).

RSMP issues that need to be resolved and/or for which stakeholder input is desired

No issues were identified this quarter. Ecology would like for the PRO-Committee and SWG to confirm the more detailed scope of status and trends monitoring activities as the process to enter into contracts to conduct the streams monitoring moves forward during the coming quarter.