Stormwater Action Monitoring

Collectively improving stormwater management

August 2020

Register for the September 16, 2020 SAM Study Selection Workshop

Registration Link: https://register.gotowebinar.com/register/5113644271270655245

The Round 3 workshop is the opportunity to hear study proponents to present on their final study proposal for permittees and stakeholders. Please register and mark your calendar for this virtual event. Be an informed voter on which SAM study to fund, materials will be available on the SAM website a week before. What started out as 16 Letters of Interest has now become 9 Full proposals that are being finalized after rigorous review by city, county, university, private sector, and Ecology. The LOIs and FPs are listed on the SAM effectiveness studies webpage.

A new SAM fact sheets on the Puget Small Streams

The Puget Small Streams (PSS) study starting this summer uses modified sampling design from the previous 2015 sampling design. The new SAM Fact Sheet #018 Puget small streams study design explains the updates to the frame, site selection, rotating sampling design, parameters and schedule. Sampling sites selected for the study represent the full range of urban and urbanizing conditions, and random and spatially-balanced 33 sites across the region will be sampled each year. The new design is based in sampling annually and improves statistical robustness. The Puget small streams webpage also provides more information on study design, sampling site locations and quality assurance project plan (QAPP).

Virtual trainings for staff on the updated Illicit Connection/ Illicit Detection (IC/ID) Field Screening and Source Tracing Manual

The updated IC-ID manual is complete and ready for download for permittee use, and the trainings are now being planned as *virtual* events. Stormwater staff will learn and see the updated hands-on techniques to conduct IC-ID field methods for source tracking. Eight trainings are being planned for late summer and fall. Information on the updated manual and trainings is available at both the SAM source identification webpage and the WSC IC-ID webpage.

Register now for a 3-hr fall training date: https://www.eventbrite.com/e/virtual-ic-id-field-screening-and-source-tracing-training-tickets-114987885862?

Current Monitoring Activities

Despite many work life changes this spring and summer, SAM's studies have continued to make progress and we invite you to visit the linked project pages to see the latest deliverables and see the project status.

Effectiveness Studies

There are seven effectiveness studies underway: bioretention amendment with fungi (almost complete), bioretention hydrologic performance, mulch choices for bioretention, orifice control for bioretention, oyster shell retrofits in catch basins, paired watershed retrofit and restoration (long term study), and water budgets for local trees.

Source Identification & Control Studies

There are two active source identification and control studies underway: regional spill hotline feasibility and source investigation field screening manual.

Receiving Water Studies (Status and Trend)

There are two receiving water status and trend studies underway: Puget small streams and Puget Sound nearshore mussels. A third project on the Lower Columbia urban small streams is getting going in October 2020.

Stormwater Action Monitoring (SAM) *is a collaborative, regional stormwater monitoring program that is funded by more than 90 Western Washington cities and counties, the ports of Seattle and Tacoma, and the Washington State Department of Transportation.*

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