



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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February 4, 2015

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 October 1, 2014 through December 31, 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 third quarterly report as the RSMP administrator, for the period from October 1, 2014 through December 31, 2014. Please contact RSMP Coordinator Brandi Lubliner at [brandi.lubliner@ecy.wa.gov](mailto:brandi.lubliner@ecy.wa.gov) or (360) 407-7140 for more information.

Attachment (2pp.)

# Regional Stormwater Monitoring Program Quarterly Report

For July October 1 through December 31, 2014

## RSMP accomplishments and key decisions reported for the quarter

- Arrangements for stream monitoring have been made and sampling begins in January 2015.
- Scopes of work for two effectiveness studies were finalized. Four agreements for effectiveness studies were awaiting the last official signatures. Scopes of work for two more effectiveness studies are under development.
- A scope of work for illicit discharge information compilation, evaluation, and analysis is under development.

## RSMP revenue, budget, and planned activities

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

Table 1 shows detail for each RSMP component and for the whole program. All permittees have submitted their payments to the pooled resources accounts; the RSMP received an additional unanticipated payment for status and trends monitoring. Encumbrances in excess of projected revenues will be for projects spanning multiple years. The 2015 streams sampling will be paid partly before August 2015 permittees' payments are due and partly (mostly) after, and effectiveness studies span multiple years. 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. The total balance and anticipated expenditures for the coming quarter include Ecology's administrative expenses.

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: \$3,638,710)		Effectiveness studies (4-year project total: \$6,299,238)		SIDIR (4-year project total: \$677,250)		RSMP total (4-year project total: \$10,615,198)		
	Oct-Dec 2014	Jan-Mar 2015 <i>(anticipated)</i>	Oct-Dec 2014	Jan-Mar 2015 <i>(anticipated)</i>	Oct-Dec 2014	Jan-Mar 2015 <i>(anticipated)</i>	Ecology's Oct-Dec administration expenses	Oct-Dec 2014	Jan-Mar 2015 <i>(anticipated)</i>
Balance at start of quarter	\$907,440	\$926,269	\$1,574,808	\$1,574,808	\$169,314	\$169,314	-	\$2,689,440	\$2,691,476
Revenues	\$18,936	\$0	\$0	\$0	\$0	\$0	-	\$18,936	\$0
Expenditures	\$107	\$350,760	\$0	\$154,944	\$0	\$0	\$16,793	\$16,960	\$525,704
Balance at end of quarter	\$926,269	\$575,509	\$1,574,808	\$1,419,864	\$169,314	\$169,314	-	\$2,691,476	\$2,165,772
Encumbrances	\$0	\$2,154,383	\$0	\$2,368,852	\$0	\$100,000	-	\$0	\$4,523,234

### Status and trends monitoring

The RSMP Coordinator is managing the small streams monitoring and confirming final sites. Implementation planning for the nearshore monitoring components begins in 2015.

#### Small streams water quality and watershed health

Agreements with U.S. Geological Survey (USGS), King and Skagit Counties, and San Juan Island Conservation District to conduct field work were awaiting final signatures at the close of this quarter. The agreement with King County includes laboratory analyses. Arrangements were also made with three other laboratories to conduct analyses. Data management preparations at Ecology are underway.

#### Marine nearshore sediment chemistry

Work on the Quality Assurance Project Plan (QAPP) for this monitoring is expected to begin in the coming quarter.

## Contaminants in mussels

Washington Department of Fish and Wildlife (WDFW) is finalizing the QAPP and budget for this monitoring. The agreement with WDFW for this RSMP component is expected to be completed in the coming quarter.

## Nearshore bacteria

No activity to report.

## Effectiveness studies

Agreements for four effectiveness studies (see *RSMP contracts and agreements*, below) were awaiting final signatures at the end of the quarter. Agreements with the Cities of Lakewood and Bellingham for two more studies are also expected to be completed in the coming quarter. Contracting processes for additional Stormwater Work Group (SWG) approved effectiveness studies are expected to commence in the first quarter of 2015.

## Source Identification Information Repository (SIDIR)

The SWG approved a work plan that includes exploring permittee-submitted data on illicit discharges. An agreement with the City of Lakewood to do this task is under consideration for award in the coming quarter under the guidance of the PRO-Committee and the SWG's SIDIR subgroup.

## RSMP contracts and agreements

No contracts were finalized in the previous quarter. In the coming quarter Ecology expects to complete agreements with:

- U.S. Fish and Wildlife Service (USFWS) for biofiltration toxicity reduction effectiveness study, for \$149,105.
- King County for Echo Lake highway retrofit effectiveness study for \$584,024 and Hylebos Creek bioretention pond effectiveness study, for \$1,087,431.
- City of Redmond for paired basin retrofit effectiveness study design approach, for \$96,760.
- City of Lakewood for business inspection source control effectiveness study, for \$165,685, and compilation and analysis of permittee-submitted illicit discharge data, for up to \$100,000. The latter task is just beginning to be scoped.
- City of Bellingham bioretention hydrologic performance study, for \$467,186. The budget and scope for this study are being updated.
- Streams monitoring for a total of approximately \$1,891,000 for the following roles:
  - USGS, King and Skagit Counties, and San Juan Island Conservation District to conduct stream monitoring,
  - Manchester Environmental Lab and King County Environmental Lab for water and sediment chemistry,
  - Clallam County and Edge Analytical Inc. as qualified bacteria laboratories, and
  - Rhithron Associates Inc. for macroinvertebrate taxonomic services.
- WDFW for mussel contaminant monitoring, for \$263,187.

## RSMP deliverables received in the previous quarter

No deliverables were received. We anticipate interim deliverables in the coming quarter for streams monitoring and effectiveness studies.

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

No issues were identified this quarter. The RSMP Coordinator would like for the PRO-Committee and SWG to recommend a process for reviewing and approving RSMP deliverables beyond Ecology's project management review.