

Regional Stormwater Monitoring Program Quarterly Report

For July October 1 through December 31, 2014

RSMP accomplishments and key decisions reported for the quarter

- Four interagency agreements for stream monitoring field crews were finalized and awaiting the last official signatures. One of these agreements includes laboratory analyses. Arrangements were made with three other laboratories to conduct analyses.
- 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.
- The Pooled Resources Oversight Committee (PRO-Committee) is overseeing contracting decisions focusing on scope, schedule, and budget. The RSMP Coordinator is implementing Stormwater Work Group (SWG) recommendations (<http://www.ecy.wa.gov/programs/wg/psmonitoring/recommendations.html>) with input and advice from the PRO-Committee.

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	\$
Revenues	\$18,936	\$0	\$0	\$0	\$0	\$0	-	\$	\$0
Expenditures	\$107	\$350,800	\$0	\$155,000	\$0	\$0	\$16,793	\$16,960	\$
Balance at end of quarter	\$926,269	\$645,469	\$1,574,808	\$1,419,864	\$169,314	\$169,314	-	\$	\$
Encumbrances	\$0	\$2,154,382	\$0	\$1,917,764	\$0	\$	-	\$0	\$

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.

Comment [b1]: I have \$ 1.89M for streams and \$263,187 from Jennifer on the last spreadsheet. Subtract anticipated expenditures.

Comment [KD2]: Need to add 1,863,642 to total estimates from Lakewood and Bellingham. For B'ham we could use the number they gave us last year, but aren't we splitting it into design and conduct phases? Subtract anticipated expenditures

Comment [KD3]: PRO Committee: ok to add placeholder, will change. Get SIDIR subgroup review

DRAFT for PRO-Committee review on 2/3/15

Small streams water quality and watershed health

Interagency agreements with U.S. Geological Survey (USGS), King and Skagit Counties, San Juan Island Conservation District were awaiting final signatures at the close of this quarter. Sampling begins in January 2015.

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 for additional SWG-approved effectiveness studies is expected to commence in the first quarter of 2015.

Source Identification Information Repository (SIDIR)

The Stormwater Work Group 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 expected to be completed in the coming quarter.

RSMP contracts and agreements

No contracts were finalized in the previous quarter. In the coming quarter Ecology plans 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 and compilation for approximately \$____ and compilation and analysis of permittee-submitted illicit discharge data for approximately \$____
- City of Bellingham Low Impact Development hydrologic performance study for approximately \$_____
- 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
 - Qualified bacteria laboratories: Clallam County and Edge Analytical Inc.
 - Rhithron Associates Inc. for macroinvertebrate taxonomic services
- WDFW for mussel contaminant monitoring for a total of approximately \$263,187

RSMP deliverables received in the previous quarter

No deliverables received. We anticipate interim deliverables in the coming quarter from streams monitoring implementation 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.