

Deliverable 5: Semi-Annual Project Report

Stormwater Action Monitoring: Effectiveness Studies

Send progress report to: Brandi Lubliner
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1. General Information

Contract / Grant Agreement Number:	C1700015
Project Title:	Effectiveness of default bioretention soil mix to reduce PCBs in highway runoff
Your Organization:	King County Water and Land Resources Division
Your Project Manager:	Richard Jack - KC; Brandi Lubliner - Ecology
Reporting Period:	2017 Q3/Q4
Date this Form was Completed:	1/29/2018

2. Task and Milestone Achievements (for current report period only)

Task 1: Planning

Percent of Task Completed:	0% this period (100% cumulative)
Deliverable	
Description of your Achievements:	

Task 2: Water and Soil Sampling and Analysis

Percent of Task Completed:	40% this period (45% cumulative)
Deliverable	None, will supply receipts for analytical laboratory when complete
Description of your Achievements:	14 soil samples collected (6 samples per quarter plus 1 replicate per quarter = 14), 18 water samples collected (7 samples per quarter, plus 2 replicates per quarter = 18). Samples were held for analysis to save shipping costs; samples to be submitted for analysis in early 2018

Task 3: Data Compilation, database, and validation

Percent of Task Completed:	5% this period (5% cumulative)
Deliverable	Receipt for data validation
Description of your Achievements:	Previous Q1 and Q2 sample results were validated by a contract data validator in this period.

Task 4: Conceptual site model, mass balance, and reporting

Percent of Task Completed:	0% this period (0% cumulative)
Deliverable	None
Description of your Achievements:	No activities this period

Task 5: Outreach and Communications

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Percent of Task Completed:	0% this period (0% cumulative)
Deliverable	None
Description of your Achievements:	No activities this period

3. Tasks/Milestones not achieved and why:

4. Potential Future Challenges to Performance (time delays, staff changes, etc.):

No new issues. Pump tubing wear and tear, clogging of the inlet and distribution piping, and flow meter performance remain as ongoing maintenance challenges.

5. General Comments:

Project is currently on target. Pump and tubing maintenance and cleaning requires ongoing maintenance

6. List the cumulative totals for all "outputs" (numerically measurable accomplishments) under this contract or grant to date:

Cumulatively, the draft and final QAPP were completed, there have been 34 site visits, the stormwater intake, pump manifold and distribution system was designed, installed, and tested. A custom inlet screen to mitigate the debris and clogging of the pump inlet was designed and installed. Extra tubing was installed to allow for irrigation of the plants in the summer season. One blank sample was collected. 28 soil samples have been collected, 36 water samples have been collected. 14 soil and 18 water samples have been analyzed and validated.