



King County

Department of Natural Resources and Parks
Water and Land Resources Division

Environmental Laboratory

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June 30, 2015

To: Brandi Lubliner, DOE
From: Colin Elliott
Subject: Field Activities for RSMP Streams - 2st Quarter, 2015
Project #: SIC: F92AA

The following narrative summarizes the sample collection, field measurements and observations done at the WQ sites between March 30 and May 27, 2015.

1. Site Summary

March, 2015

Location ID	Collection Date and Time	Additional notes
0055-WUGA	3/30/2015 9:35	
0003-WUGA	3/30/2015 10:23	
0048-WUGA	3/30/2015 11:29	
0009-WUGA	3/30/2015 11:53	
0050-WUGA	3/30/2015 12:58	Field replicate collected at 13:01
0038-OUGA	3/30/2015 10:58	
0039-OUGA	3/30/2015 15:13	Field replicate collected at 13:20
0018-WUGA	3/30/2015 14:18	
0036-WUGA	3/31/2015 8:56	Field replicate collected at 9:02
0002-WUGA	3/31/2015 10:10	
0042-WUGA	3/31/2015 11:10	
0034-WUGA	3/31/2015 11:51	
0074-OUGA	3/31/2015 12:37	
0001-WUGA	3/31/2015 13:28	
0072-OUGA	3/31/2015 9:23	
0024-OUGA	3/31/2015 9:59	
0040-WUGA	3/31/2015 10:35	
0045-OUGA	3/31/2015 11:48	
0008-OUGA	3/31/2015 13:07	Field replicate collected at 13:10
0011-OUGA	3/30/2015 12:00	Property owners banned access during March site visit. No samples collected

April, 2015

Location ID	Collection Date and Time	Additional notes
0055-WUGA	4/27/2015 9:00	
0003-WUGA	4/27/2015 9:57	
0048-WUGA	4/27/2015 10:40	
0009-WUGA	4/27/2015 11:12	
0050-WUGA	4/27/2015 12:15	
0001-WUGA	4/27/2015 8:55	
0038-OUGA	4/27/2015 10:45	
0039-OUGA	4/27/2015 12:25	
0018-WUGA	4/27/2015 13:25	
0036-WUGA	4/28/2015 8:22	
0002-WUGA	4/28/2015 9:40	
0042-WUGA	4/28/2015 10:11	
0034-WUGA	4/28/2015 11:10	
0074-OUGA	4/28/2015 11:40	Field replicate collected at 11:45
0072-OUGA	4/28/2015 9:36	
0024-OUGA	4/28/2015 10:14	
0040-WUGA	4/28/2015 10:55	
0045-OUGA	4/28/2015 12:11	
0008-OUGA	4/28/2015 13:54	

May, 2015

Location ID	Collection Date and Time	Additional notes
0055-WUGA	5/26/2015 8:25	
0003-WUGA	5/26/2015 9:10	
0048-WUGA	5/26/2015 9:46	Field replicate collected at 9:50
0009-WUGA	5/26/2015 10:25	
0050-WUGA	5/26/2015 11:12	
0001-WUGA	5/26/2015 8:54	
0038-OUGA	5/26/2015 10:32	
0039-OUGA	5/26/2015 12:17	
0018-WUGA	5/26/2015 13:00	
0036-WUGA	5/27/2015 8:50	
0002-WUGA	5/27/2015 10:02	
0042-WUGA	5/27/2015 11:03	
0034-WUGA	5/27/2015 11:55	
0074-OUGA	5/27/2015 12:44	
0008-OUGA	5/27/2015 10:28	
0045-OUGA	5/27/2015 11:44	
0040-WUGA	5/27/2015 13:05	
0024-OUGA	5/27/2015 13:50	
0072-OUGA	5/27/2015 14:41	

2. Field Measurement Calibration and Quality Control Results

- a. All pre-deployment calibration and related QC checks were performed at the proper frequency and all results were acceptable.
- b. The precision of the field replicates and the accuracy of all post-deployment check standards were also all acceptable.

3. Additional Issues

- a. Flow measurements at sites 0074-OUGA and 0034-WUGA will be taken from the permanent flow gages near those sites. The gage # has been entered in the result comment field of the EIM file.
- b. A bottle blank for PAHs was prepared and analyzed in March to identify the source of the Naphthalene contamination detected in the January field blank. See Lab Narrative for discussion of the results.
- c. The stream flow measurement done at site 0050-WUGA in May was done in a section of the stream with a significant eddy. This resulted in several negative flow values. It is assumed that this was compensated by enhanced flow on the opposite site so the net flow value should be accurate. Future flow measurements will be moved upstream or downstream to avoid this problem.