



Remediation Management Services Company

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January 17, 2020

Washington Department of Ecology
Northwest Regional Office
Attn: Ms. Donna Musa
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Ms. Musa:

Please find the enclosed Semi-Annual Status Report - Second Half of 2019, that documents the results at Olympic Pipe Line Company LLC, Allen Pump Station located at 16292 Ovenell Road, Mount Vernon, Washington.

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Wade Melton', on a light blue background.

Wade Melton
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company

cc: File, Antea Group



Semi-Annual Status Report

Second Half of 2019
OPLC Allen Pump Station
16292 Ovenell Road, Mount Vernon, Washington

Antea®Group

Understanding today.
Improving tomorrow.

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Remediation Management Services
Company

An affiliate of Atlantic Richfield Company
4 Centerpointe Drive, Suite 200

Room LPR-4-222

La Palma, CA 90623

and

BP Pipelines and Logistics

Olympic District

600 SW 39th Street, Suite 275

Renton, WA 98057

January 17, 2020

us.anteagroup.com

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Reporting Period.:	July 2019 – December 2019
Agency Contact:	Donna Musa, Toxics Cleanup Program; (425) 649-7136
Ecology Site ID No.:	2667
ERTS ID No.:	609166
RM Contact:	Wade Melton, (360) 594-7978
Olympic Contact:	Alexandria Crooks, (425) 981-2590
Antea Group Contact:	Megan Richard, (425) 498-7711

1.0 Site History

- On September 8, 1988, the 16-inch diameter high-pressure pipeline located under the Olympic Pipe Line Company (OPLC) Allen Pump Station (Allen Station) ruptured. The pipeline ruptured in the southwest corner of the fenced perimeter of Allen Station, and released approximately 168,000-gallons of diesel fuel. The fenced portion of the pump station is approximately three acres in size; OPLC owns the adjacent 12-acre parcel located west of the fenced facility.
- Prior to the 1988 release, four other documented releases of gasoline or diesel occurred at Allen Station between 1973 and 1983.
- Following the 1988 release, vacuum trucks were used to remove diesel fuel from a recovery trench, and from product recovery wells that were installed in the affected area. Approximately 45,318-gallons of diesel fuel had been recovered two days after the release.
- Between September 1988 and February 1989, 28 monitoring wells, and 8 recovery wells were installed in and around the affected area. The new wells were in addition to 20 monitoring wells that existed at the station. A soil/bentonite cutoff wall was constructed along the southwest corner of the fenced perimeter of the station. Additionally, a vapor extraction (VE) system was installed to reduce vapors under the station's control building. The total recorded quantity of recovered product was estimated to be 96,600-gallons.
- In 1989, water samples were collected from shallow domestic water wells, and surface water from two farms that surrounded the site. Analytic results from the water samples indicated hydrocarbon concentrations of less than 1.0 milligrams per liter (mg/L).
- In 1990, 91 soil samples were collected from 46 sample locations located on the property west of and adjacent to Allen Station, and from areas adjacent to the recovery trench.
- In 1991, the original recovery trench was backfilled, and a second trench was installed 25 feet north of the previous recovery trench. An oil/water separator was installed within the new trench in the southwest corner of the 12-acre parcel.
- Between June 23, 1992, and April 14, 1993, a subsurface investigation of the adjacent 12-acre parcel was completed by installing 58 hand-auger soil borings to depths ranging between 2 and 13 feet below ground surface (bgs).
- In 2002 and 2003, quarterly groundwater monitoring and sampling resumed after being suspended in 1994. Semi-annual or annual groundwater samples have been collected at the facility since 2004.

- On July 16, 2007, and September 25, 2007, 18 soil borings were advanced as part of a subsurface soil and groundwater assessment. Activities included collecting 36 soil samples, and 18 groundwater samples from soil borings installed west and south of the fenced facility. The soil borings were installed to depths ranging between 9 and 32 feet bgs. A Soil and Groundwater Assessment Report detailing the results of the assessment was submitted to the Washington State Department of Ecology (Ecology) in March 2008.
- On August 25, 2009, seven direct push borings were installed as part of a subsurface investigation conducted to further delineate the extent of hydrocarbon impacts west of the fenced facility. The results of the subsurface investigation were presented to Ecology in a Supplemental Soil and Groundwater Assessment Report in May 2010.
- On March 18, 2010, the Skagit County Health Department, on behalf of Ecology, conducted an Initial Site Hazard Assessment.
- On September 8, 2010, the Skagit County Health Department issued the results of the Site Hazard Assessment (SHA) conducted at Allen Station. Allen Station's hazard ranking, an estimation of the potential threat to human health and/or the environment relative to all other Washington state sites assessed at the time, was determined to be a 1, where 1 represents the highest relative risk and 5 the lowest.
- Following the completion of the SHA, water sample collection from the oil/water separator was added to the semi-annual scope of work. Analytical results of water samples collected from the oil/water separator will be included in the semi-annual status reports.
- On January 31, 2011, following a request of the Skagit County Health Department, a groundwater sample was collected from an agricultural well located on the property north of and adjacent to Allen Station. Analytical results of the groundwater sample were below laboratory method detection limits, and Ecology's Model Toxics Control Act (MTCA) Method A Cleanup Levels. A report documenting the analytical results was submitted to the Skagit County Health Department on May 3, 2011.
- Between October 28 and October 29, 2013, Antea Group conducted a subsurface investigation to further delineate shallow soil and groundwater conditions at the site. Six soil borings were advanced and completed as monitoring wells MW-18, MW-19, MW-20, MW-21, MW-22, and MW-23. Findings from the investigation were presented in Antea Group's Subsurface Investigation Report dated March 26, 2014.
- In November 2014, a release of diesel/gasoline mix of unknown volume was discovered. Vacuum trucks were used to recover product from recovery and monitoring wells.
- In November and December 2014, two subsurface investigations were completed following discovery of a release. The investigation included the advancement of 45 borings and the subsequent completion of 26 borings as groundwater monitoring wells MW-24, MW-25, MW-27 through MW-29, MW-31, MW-32, MW-34 through MW-45, and MW-47 through MW-53. Findings from the investigations were presented in Antea Group's Subsurface Investigation Report dated April 7, 2015.
- In September 2015, a subsurface investigation was completed to further evaluate shallow soil and groundwater conditions with respect to petroleum hydrocarbons within OPLC's fenced facility, and in the adjacent fields to the north and west of OPLC's fenced facility. The investigation included the advancement of 12 borings which were subsequently completed as groundwater monitoring wells MW- 55 through MW-66. Findings from the investigation were presented in Antea Group's Subsurface Investigation Report dated February 9, 2016.
- In October 2016, a subsurface investigation was completed to further evaluate shallow soil and groundwater conditions with respect to petroleum hydrocarbons. The investigation included the advancement of 5 borings which were subsequently completed as groundwater monitoring wells MW-67 through MW-71. Findings from the investigation were presented in Antea Group's Subsurface Investigation Report dated February 15, 2018.

- Site characterization and remedial activities are being conducted by OPLC in accordance with MTCA as an Independent Cleanup Action outside the Voluntary Cleanup Program (VCP).

2.0 Work Performed During the Reporting Period

- On September 3 through 4, 2019, quarterly groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells MW-2, MW-19 through MW-21, MW-35, MW-39, MW-41, MW-43 through MW-45, MW-55 through MW-64, MW-66, MW-67, MW-70, MW-71, and AG-Well. Due to lack of water, samples could not be collected from wells MW-C, MW-9, MW-14, and MW-54. Due to safety concerns, MW-68 and MW-69 were not sampled during this field event but later sampled when safe conditions became available. Light non-aqueous phase liquid (LNAPL) was measured in MW-34 and RW-8 at a thickness of 0.01 feet in both wells. Absorbent socks were replaced in wells MW-27, MW-28, and MW-65. The above ground well casing for MW-43 was destroyed sometime before the September 3, 2019 sampling event so the depth to water was not measured during this sampling event.
- On October 10, 2019, limited groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells MW-68 and MW-69, which were not sampled during the third quarter sampling event due to safety concerns. .
- On October 23, 2019, monitoring well MW-43 was repaired with new PVC pipe.
- On November 19 through 20, 2019, quarterly groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring MW-C, MW-2, MW-14, MW-19 through MW-21, MW-35, MW-39, MW-41, MW-43, MW-45, MW-54, MW-55 through MW-64, MW-66 through MW-71, and AG-Well. Due to lack of water, a sample could not be collected from well MW-9. Due to standing surface water, a sample could not be collected from well MW-44. LNAPL was not measured in any well.

3.0 System Configuration

- Not applicable.

4.0 Project Status

- Quarterly groundwater sampling of monitoring wells MW-C, MW-2, MW-9, MW-14, MW-19 through MW-21, MW-35, MW-39, MW-41, MW-43 through MW-45, MW-54 through MW-64, MW-66 through MW-71, and AG-Well;
- Passive LNAPL recovery as needed, and;
- Semi-annual reporting.

5.0 Data Review and Recommendations

- During the second half of 2019 reporting period, groundwater analytical results indicate hydrocarbon concentrations in excess of MTCA Method A Cleanup Levels in monitoring wells MW-2, MW-19, MW-21, MW-35, MW-43 through MW-45, MW-56 through MW-60, MW-64, MW-66, and MW-67.
- During the second half of 2019 reporting period, hydrocarbon concentrations in MW-C, MW-14, MW-20, MW-39, MW-41, MW-54, MW-55, MW-61 through MW-63, MW-68 through MW-71 and AG-Well were not detected in excess of MTCA Method A Cleanup Levels.



- Measurable LNAPL was observed in well MW-34, and RW-8, during the second half of 2019 reporting period. A passive skimmer is currently deployed in well MW-34. Absorbent socks are currently deployed in MW-27, MW-28, MW-36, MW-53, MW-65, and PW-4.
- Antea Group will continue to conduct quarterly groundwater sampling and passive LNAPL recovery as needed.
- Groundwater Gauging Data are presented in Table 1. Groundwater Analytical Data are presented in Table 2.
- A Site Location Map and an Expanded Site Map are included on Figures 1 and 2, respectively. Potentiometric Surface Maps are presented as Figures 3A and 4A. Groundwater Analytical Data Maps are included as Figures 3B, 3C, 4B, and 4C.
- The groundwater analytical laboratory reports are included as Appendix A.

6.0 Remarks

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Prepared by


Jonah Leurquin
Staff Professional

Date: January 17, 2020

Reviewed by:


Megan Richard, LG
Senior Project Manager

Date: January 17, 2020

cc: Ms. Donna Musa, Department of Ecology, Northwest Regional Office (Hardcopy)
Ms. Polly Dubbel, Skagit County Health Department, Mount Vernon, WA (Hardcopy)
Ms. Alexandria Crooks, OPLC, Renton, WA (Electronic Copy)
Mr. Joe Stone, OPLC, Renton, WA, WA (Electronic Copy)
Mr. Wade Melton, Remediation Management Services Company (Electronic Copy - RMO Upload)
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Tables

Table 1	Groundwater Gauging Data
Table 2	Groundwater Analytical Data

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	6/23/1992	101.40	8.47	NP	--	92.93	--
C	7/2/1992	101.40	7.99	NP	--	93.41	--
C	8/17/1992	101.40	8.66	NP	--	92.74	--
C	9/30/1992	101.40	--	--	--	--	NG
C	10/30/1992	101.40	8.47	NP	--	92.93	--
C	11/30/1992	101.40	3.57	NP	--	97.83	--
C	4/16/1993	101.40	6.84	NP	--	94.56	--
C	10/3/2000	101.40	--	--	--	--	Dry
C	2/28/2001	101.40	6.55	NP	--	94.85	--
C	5/30/2001	101.40	7.81	NP	--	93.59	--
C	8/22/2001	101.40	9.16	NP	--	92.24	--
C	11/21/2001	101.40	6.49	NP	--	94.91	--
C	2/20/2002	101.40	5.31	NP	--	96.09	--
C	5/16/2002	101.40	6.89	NP	--	94.51	--
C	8/2/2002	101.40	8.22	NP	--	93.18	--
C	12/19/2002	101.40	8.72	NP	--	92.68	--
C	5/19/2003	101.40	8.10	NP	--	93.30	--
C	11/13/2003	101.40	7.51	NP	--	93.89	--
C	6/4/2004	101.40	7.13	NP	--	94.27	--
C	10/7/2004	101.40	7.98	NP	--	93.42	--
C	4/28/2005	101.40	6.00	NP	--	95.40	--
C	11/16/2005	101.40	5.95	NP	--	95.45	--
C	6/13/2006	101.40	7.44	NP	--	93.96	--
C	2/26/2007	101.40	3.79	NP	--	97.61	--
C	5/9/2007	101.40	7.48	NP	--	93.92	--
C	7/16/2007	101.40	8.99	NP	--	92.41	--
C	8/22/2007	101.40	9.19	NP	--	92.21	--
C	9/25/2007	101.40	9.80	NP	--	91.60	--
C	10/25/2007	101.40	7.40	NP	--	94.00	--
C	11/9/2007	101.40	8.15	NP	--	93.25	--
C	12/3/2007	101.40	7.12	NP	--	94.28	--
C	1/17/2008	101.40	4.64	NP	--	96.76	--
C	4/7/2008	101.40	4.94	NP	--	96.46	--
C	7/22/2008	101.40	8.55	NP	--	92.85	--
C	10/21/2008	101.40	9.37	NP	--	92.03	--
C	1/20/2009	101.40	4.61	NP	--	96.79	--
C	7/6/2009	101.40	9.07	NP	--	92.33	--
C	3/17/2010	101.40	6.51	NP	--	94.89	--
C	9/15/2010	101.40	8.89	NP	--	92.51	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	3/4/2011	101.40	4.31	NP	--	97.09	--
C	8/24/2011	101.40	8.89	NP	--	92.51	--
C	5/10/2012	101.40	4.95	NP	--	96.45	--
C	11/15/2012	101.40	7.07	NP	--	94.33	--
C	3/27/2013	101.40	5.36	NP	--	96.04	--
C	12/17/2013	101.40	7.21	NP	--	94.19	--
C	6/24/2014	101.40	7.77	NP	--	93.63	--
C	11/7/2014	101.40	4.60	NP	--	96.80	--
C	11/8/2014	101.40	4.71	NP	--	96.69	--
C	11/8/2014	101.40	4.75	NP	--	96.65	--
C	11/10/2014	101.40	5.01	NP	--	96.39	--
C	11/12/2014	101.40	5.39	NP	--	96.01	--
C	11/18/2014	101.40	6.34	NP	--	95.06	--
C	11/19/2014	101.40	6.40	NP	--	95.00	--
C	12/1/2014	98.86	4.71	NP	--	94.15	--
C	12/8/2014	98.86	5.00	NP	--	93.86	--
C	12/15/2014	98.86	4.67	NP	--	94.19	--
C	12/22/2014	98.86	4.69	NP	--	94.17	--
C	12/29/2014	98.86	4.25	NP	--	94.61	--
C	1/5/2015	98.86	2.98	NP	--	95.88	--
C	1/12/2015	98.86	4.71	NP	--	94.15	--
C	1/19/2015	98.86	4.26	NP	--	94.60	--
C	1/26/2015	98.86	4.26	NP	--	94.60	--
C	2/2/2015	98.86	5.03	NP	--	93.83	--
C	2/9/2015	98.86	4.15	NP	--	94.71	--
C	2/16/2015	98.86	4.67	NP	--	94.19	--
C	2/23/2015	98.86	5.03	NP	--	93.83	--
C	3/2/2015	98.86	4.87	NP	--	93.99	--
C	3/9/2015	98.86	5.54	NP	--	93.32	--
C	3/16/2015	98.86	4.39	NP	--	94.47	--
C	3/23/2015	98.86	4.51	NP	--	94.35	--
C	3/30/2015	98.86	4.86	NP	--	94.00	--
C	4/6/2015	98.86	5.58	NP	--	93.28	--
C	4/22/2015	98.86	6.97	NP	--	91.89	--
C	5/4/2015	98.86	7.11	NP	--	91.75	--
C	5/18/2015	98.86	7.65	NP	--	91.21	--
C	6/1/2015	98.86	8.29	NP	--	90.57	--
C	6/15/2015	98.86	8.73	NP	--	90.13	--
C	6/19/2015	98.86	8.86	NP	--	90.00	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	6/29/2015	98.86	9.06	NP	--	89.80	--
C	7/13/2015	98.86	9.44	NP	--	89.42	--
C	7/28/2015	98.86	9.62	NP	--	89.24	--
C	8/10/2015	98.86	9.75	NP	--	89.11	--
C	8/24/2015	98.86	--	--	--	--	Dry
C	9/8/2015	98.86	9.60	NP	--	89.26	--
C	9/21/2015	98.86	9.58	NP	--	89.28	--
C	10/5/2015	98.86	9.66	NP	--	89.20	--
C	10/12/2015	98.86	9.60	NP	--	89.26	--
C	10/19/2015	98.86	9.62	NP	--	89.24	--
C	11/2/2015	98.86	8.42	NP	--	90.44	--
C	11/16/2015	98.86	4.15	NP	--	94.71	--
C	11/30/2015	98.86	5.71	NP	--	93.15	--
C	1/18/2016	98.86	5.07	NP	--	93.79	--
C	2/1/2016	98.86	4.65	NP	--	94.21	--
C	2/15/2016	98.86	3.15	NP	--	95.71	--
C	3/7/2016	98.86	5.12	NP	--	93.74	--
C	3/29/2016	98.86	4.71	NP	--	94.15	--
C	4/5/2016	98.86	--	--	--	--	NG
C	4/19/2016	98.86	5.80	NP	--	93.06	--
C	5/10/2016	98.86	7.18	NP	--	91.68	--
C	5/24/2016	98.86	7.60	NP	--	91.26	--
C	6/7/2016	98.86	7.95	NP	--	90.91	--
C	6/21/2016	98.86	7.89	NP	--	90.97	--
C	7/19/2016	98.86	8.58	NP	--	90.28	--
C	8/23/2016	98.86	9.47	NP	--	89.39	--
C	9/20/2016	98.86	8.72	NP	--	90.14	--
C	11/8/2016	98.86	4.68	NP	--	94.18	--
C	12/6/2016	98.86	7.68	NP	--	91.18	--
C	3/21/2017	98.86	4.62	NP	--	94.24	--
C	4/27/2017	98.86	5.78	NP	--	93.08	--
C	5/30/2017	98.86	7.14	NP	--	91.72	--
C	6/27/2017	98.86	8.41	NP	--	90.45	--
C	8/3/2017	98.86	9.30	NP	--	89.56	--
C	8/31/2017	98.86	9.85	NP	--	89.01	--
C	9/26/2017	98.86	9.71	NP	--	89.15	--
C	11/29/2017	98.86	5.49	NP	--	93.37	--
C	2/27/2018	98.86	4.85	NP	--	94.01	--
C	6/12/2018	98.86	8.34	NP	--	90.52	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	8/29/2018	98.86	9.81	NP	--	89.05	Dry
C	11/6/2018	98.86	5.45	NP	--	93.41	--
C	3/6/2019	98.86	--	--	--	--	NG
C	5/28/2019	98.86	5.43	NP	--	93.43	--
C	9/3/2019	98.86	--	--	--	--	Dry
C	11/19/2019	98.86	1.71	NP	--	97.15	--
IW-1	11/7/2014	--	8.95	NP	--	--	--
IW-1	11/8/2014	--	--	--	--	--	NG
IW-1	11/8/2014	--	--	--	--	--	NG
IW-1	11/9/2014	--	8.85	NP	--	--	--
IW-1	11/12/2014	--	8.84	NP	--	--	--
IW-1	11/17/2014	--	8.90	NP	--	--	--
IW-1	11/18/2014	--	8.80	NP	--	--	--
IW-1	11/19/2014	--	8.83	NP	--	--	--
IW-1	12/1/2014	--	8.30	NP	--	--	--
IW-1	12/8/2014	--	8.10	NP	--	--	--
IW-1	12/15/2014	--	7.72	NP	--	--	--
IW-1	12/22/2014	--	7.42	NP	--	--	--
IW-1	12/29/2014	--	6.90	NP	--	--	--
IW-1	1/5/2015	--	2.26	NP	--	--	--
IW-1	1/12/2015	--	6.15	NP	--	--	--
IW-1	1/13/2015	--	6.15	NP	--	--	--
IW-1	1/19/2015	--	5.79	NP	--	--	--
IW-1	1/26/2015	--	5.83	NP	--	--	--
IW-1	2/2/2015	--	6.28	NP	--	--	--
IW-1	2/9/2015	--	5.76	NP	--	--	--
IW-1	2/16/2015	--	5.95	NP	--	--	--
IW-1	2/23/2015	--	6.36	NP	--	--	--
IW-1	3/2/2015	--	6.41	NP	--	--	--
IW-1	3/9/2015	--	6.78	NP	--	--	--
IW-1	3/16/2015	--	6.58	NP	--	--	--
IW-1	3/23/2015	--	6.60	NP	--	--	--
IW-1	3/30/2015	--	6.56	NP	--	--	--
IW-1	4/6/2015	--	6.93	NP	--	--	--
IW-1	4/22/2015	--	7.58	NP	--	--	--
IW-1	5/4/2015	--	7.76	NP	--	--	--
IW-1	5/18/2015	--	8.01	NP	--	--	--
IW-1	6/1/2015	--	8.35	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	6/15/2015	--	8.68	NP	--	--	--
IW-1	6/19/2015	--	8.77	NP	--	--	--
IW-1	6/29/2015	--	6.00	NP	--	--	--
IW-1	7/13/2015	--	9.25	NP	--	--	--
IW-1	7/28/2015	--	9.55	NP	--	--	--
IW-1	8/10/2015	--	9.90	NP	--	--	--
IW-1	8/24/2015	--	10.20	NP	--	--	--
IW-1	9/8/2015	--	10.01	NP	--	--	--
IW-1	9/21/2015	--	10.08	NP	--	--	--
IW-1	10/5/2015	--	10.33	NP	--	--	--
IW-1	10/12/2015	--	10.32	NP	--	--	--
IW-1	10/19/2015	--	10.40	NP	--	--	--
IW-1	11/2/2015	--	10.10	NP	--	--	--
IW-1	11/16/2015	--	9.45	NP	--	--	--
IW-1	11/30/2015	--	9.08	NP	--	--	--
IW-1	1/18/2016	--	6.83	NP	--	--	--
IW-1	2/1/2016	--	6.24	NP	--	--	--
IW-1	2/15/2016	--	4.57	NP	--	--	--
IW-1	3/7/2016	--	6.03	NP	--	--	--
IW-1	3/29/2016	--	6.07	NP	--	--	--
IW-1	4/5/2016	--	--	--	--	--	NG
IW-1	4/19/2016	--	6.80	NP	--	--	--
IW-1	5/10/2016	--	7.40	NP	--	--	--
IW-1	5/24/2016	--	7.75	NP	--	--	--
IW-1	6/7/2016	--	8.05	NP	--	--	--
IW-1	6/21/2016	--	8.20	NP	--	--	--
IW-1	7/19/2016	--	8.60	NP	--	--	--
IW-1	8/23/2016	--	9.31	NP	--	--	--
IW-1	9/20/2016	--	9.50	NP	--	--	--
IW-1	11/8/2016	--	9.03	NP	--	--	--
IW-1	12/6/2016	--	8.27	NP	--	--	--
IW-1	3/21/2017	--	5.97	NP	--	--	--
IW-1	4/27/2017	--	7.90	NP	--	--	--
IW-1	5/30/2017	--	7.60	NP	--	--	--
IW-1	6/27/2017	--	8.34	NP	--	--	--
IW-1	8/3/2017	--	9.15	NP	--	--	--
IW-1	8/31/2017	--	9.78	NP	--	--	--
IW-1	9/26/2017	--	10.15	NP	--	--	--
IW-1	11/29/2017	--	9.33	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	2/27/2018	--	5.91	NP	--	--	--
IW-1	6/12/2018	--	8.14	NP	--	--	--
IW-1	8/29/2018	--	9.77	NP	--	--	--
IW-1	11/6/2018	--	9.50	NP	--	--	--
IW-1	3/6/2019	--	8.25	NP	--	--	--
IW-1	5/28/2019	--	8.70	NP	--	--	--
IW-1	9/3/2019	--	10.24	NP	--	--	--
IW-1	11/19/2019	--	9.13	NP	--	--	--
MW-1	6/23/1992	98.52	5.92	NP	--	92.60	--
MW-1	7/2/1992	98.52	5.41	NP	--	93.11	--
MW-1	8/17/1992	98.52	6.16	NP	--	92.36	--
MW-1	9/30/1992	98.52	9.23	NP	--	89.29	--
MW-1	10/30/1992	98.52	5.93	NP	--	92.59	--
MW-1	11/30/1992	98.52	1.76	NP	--	96.76	--
MW-1	4/16/1993	98.52	3.97	NP	--	94.55	--
MW-1	10/3/2000	98.52	6.81	NP	--	91.71	--
MW-1	2/28/2001	98.52	4.41	NP	--	94.11	--
MW-1	5/30/2001	98.52	4.85	NP	--	93.67	--
MW-1	8/22/2001	98.52	2.78	NP	--	95.74	--
MW-1	11/21/2001	98.52	3.55	NP	--	94.97	--
MW-1	2/20/2002	98.52	5.21	NP	--	93.31	--
MW-1	5/16/2002	98.52	4.31	NP	--	94.21	--
MW-1	8/2/2002	98.52	6.36	NP	--	92.16	--
MW-1	12/19/2002	98.52	5.28	NP	--	93.24	--
MW-1	5/19/2003	98.52	5.51	NP	--	93.01	--
MW-1	11/13/2003	98.52	3.81	NP	--	94.71	--
MW-1	6/4/2004	98.52	5.15	NP	--	93.37	--
MW-1	10/7/2004	98.52	5.74	NP	--	92.78	--
MW-1	4/28/2005	98.52	4.12	NP	--	94.40	--
MW-1	11/16/2005	98.52	3.00	NP	--	95.52	--
MW-1	6/13/2006	98.52	5.35	NP	--	93.17	--
MW-1	2/26/2007	98.52	1.72	NP	--	96.80	--
MW-1	5/9/2007	98.52	5.08	NP	--	93.44	--
MW-1	7/16/2007	98.52	6.54	NP	--	91.98	--
MW-1	8/22/2007	98.52	7.01	NP	--	91.51	--
MW-1	9/25/2007	98.52	7.27	NP	--	91.25	--
MW-1	10/25/2007	98.52	2.55	NP	--	95.97	--
MW-1	11/9/2007	98.52	5.70	NP	--	92.82	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	12/3/2007	98.52	1.84	NP	--	96.68	--
MW-1	1/17/2008	98.52	2.31	NP	--	96.21	--
MW-1	4/7/2008	98.52	2.76	NP	--	95.76	--
MW-1	7/22/2008	98.52	6.12	NP	--	92.40	--
MW-1	10/21/2008	98.52	6.79	NP	--	91.73	--
MW-1	1/20/2009	98.52	2.91	NP	--	95.61	--
MW-1	7/6/2009	98.52	6.61	NP	--	91.91	--
MW-1	3/17/2010	98.52	2.71	NP	--	95.81	--
MW-1	9/15/2010	98.52	6.10	NP	--	92.42	--
MW-1	3/4/2011	98.52	2.08	NP	--	96.44	--
MW-1	8/24/2011	98.52	5.61	NP	--	92.91	--
MW-1	5/10/2012	98.52	3.20	NP	--	95.32	--
MW-1	11/15/2012	98.52	2.79	NP	--	95.73	--
MW-1	3/27/2013	98.52	3.45	NP	--	95.07	--
MW-1	12/17/2013	98.52	4.77	NP	--	93.75	--
MW-1	6/24/2014	98.52	5.30	NP	--	93.22	--
MW-1	11/7/2014	98.52	1.85	NP	--	96.67	--
MW-1	11/8/2014	98.52	2.22	NP	--	96.30	--
MW-1	11/8/2014	98.52	2.66	NP	--	95.86	--
MW-1	11/9/2014	98.52	1.90	NP	--	96.62	--
MW-1	11/10/2014	98.52	2.36	NP	--	96.16	--
MW-1	11/12/2014	98.52	3.26	NP	--	95.26	--
MW-1	11/18/2014	98.52	4.18	NP	--	94.34	--
MW-1	11/19/2014	98.52	4.23	NP	--	94.29	--
MW-1	12/1/2014	95.93	2.90	NP	--	93.03	--
MW-1	12/8/2014	95.93	2.58	NP	--	93.35	--
MW-1	12/15/2014	95.93	2.91	NP	--	93.02	--
MW-1	12/22/2014	95.93	1.85	NP	--	94.08	--
MW-1	12/29/2014	95.93	1.74	NP	--	94.19	--
MW-1	1/5/2015	95.93	1.38	NP	--	94.55	--
MW-1	1/12/2015	95.93	2.26	NP	--	93.67	--
MW-1	1/19/2015	95.93	1.55	NP	--	94.38	--
MW-1	1/26/2015	95.93	1.76	NP	--	94.17	--
MW-1	2/2/2015	95.93	2.70	NP	--	93.23	--
MW-1	2/9/2015	95.93	1.60	NP	--	94.33	--
MW-1	2/16/2015	95.93	2.22	NP	--	93.71	--
MW-1	2/23/2015	95.93	3.01	NP	--	92.92	--
MW-1	3/2/2015	95.93	2.65	NP	--	93.28	--
MW-1	3/9/2015	95.93	3.63	NP	--	92.30	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	3/16/2015	95.93	1.67	NP	--	94.26	--
MW-1	3/23/2015	95.93	2.00	NP	--	93.93	--
MW-1	3/30/2015	95.93	2.63	NP	--	93.30	--
MW-1	4/6/2015	95.93	3.59	NP	--	92.34	--
MW-1	4/22/2015	95.93	4.62	NP	--	91.31	--
MW-1	5/4/2015	95.93	4.76	NP	--	91.17	--
MW-1	5/18/2015	95.93	5.23	NP	--	90.70	--
MW-1	6/1/2015	95.93	5.80	NP	--	90.13	--
MW-1	6/15/2015	95.93	6.18	NP	--	89.75	--
MW-1	6/19/2015	95.93	6.25	NP	--	89.68	--
MW-1	6/29/2015	95.93	6.53	NP	--	89.40	--
MW-1	7/13/2015	95.93	6.85	NP	--	89.08	--
MW-1	7/28/2015	95.93	7.12	NP	--	88.81	--
MW-1	8/10/2015	95.93	7.36	NP	--	88.57	--
MW-1	8/24/2015	95.93	7.58	NP	--	88.35	--
MW-1	9/8/2015	95.93	6.38	NP	--	89.55	--
MW-1	9/21/2015	95.93	6.12	NP	--	89.81	--
MW-1	10/5/2015	95.93	6.97	NP	--	88.96	--
MW-1	10/12/2015	95.93	6.74	NP	--	89.19	--
MW-1	10/19/2015	95.93	6.96	NP	--	88.97	--
MW-1	11/2/2015	95.93	2.02	NP	--	93.91	--
MW-1	11/16/2015	95.93	1.80	NP	--	94.13	--
MW-1	11/30/2015	95.93	3.71	NP	--	92.22	--
MW-1	1/18/2016	95.93	2.16	NP	--	93.77	--
MW-1	2/1/2016	95.93	1.70	NP	--	94.23	--
MW-1	2/15/2016	95.93	1.38	NP	--	94.55	--
MW-1	3/7/2016	95.93	2.75	NP	--	93.18	--
MW-1	3/29/2016	95.93	1.92	NP	--	94.01	--
MW-1	4/5/2016	95.93	--	--	--	--	NG
MW-1	4/19/2016	95.93	3.60	NP	--	92.33	--
MW-1	5/10/2016	95.93	4.72	NP	--	91.21	--
MW-1	5/24/2016	95.93	4.98	NP	--	90.95	--
MW-1	6/7/2016	95.93	5.35	NP	--	90.58	--
MW-1	6/21/2016	95.93	4.65	NP	--	91.28	--
MW-1	7/19/2016	95.93	6.00	NP	--	89.93	--
MW-1	8/23/2016	95.93	6.89	NP	--	89.04	--
MW-1	9/20/2016	95.93	5.90	NP	--	90.03	--
MW-1	11/8/2016	95.93	4.23	NP	--	91.70	--
MW-1	12/6/2016	95.93	1.97	NP	--	93.96	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	3/21/2017	95.93	1.80	NP	--	94.13	--
MW-1	4/27/2017	95.93	3.58	NP	--	92.35	--
MW-1	5/30/2017	95.93	4.71	NP	--	91.22	--
MW-1	6/28/2017	95.93	5.71	NP	--	90.22	--
MW-1	8/3/2017	95.93	6.81	NP	--	89.12	--
MW-1	8/31/2017	95.93	7.36	NP	--	88.57	--
MW-1	11/29/2017	95.93	2.05	NP	--	93.88	--
MW-1	2/27/2018	95.93	2.50	NP	--	93.43	--
MW-1	6/12/2018	95.93	5.66	NP	--	90.27	--
MW-1	8/29/2018	95.93	7.38	NP	--	88.55	--
MW-1	11/6/2018	95.93	4.82	NP	--	91.11	--
MW-1	3/6/2019	95.93	4.09	NP	--	91.84	--
MW-1	5/28/2019	95.93	5.70	NP	--	90.23	--
MW-1	9/3/2019	95.93	7.50	NP	--	88.43	--
MW-1	11/19/2019	95.93	1.60	NP	--	94.33	--
MW-2	6/23/1992	99.09	5.97	NP	--	93.12	--
MW-2	7/2/1992	99.09	5.78	NP	--	93.31	--
MW-2	8/17/1992	99.09	6.24	NP	--	92.85	--
MW-2	9/30/1992	99.09	9.52	NP	--	89.57	--
MW-2	10/30/1992	99.09	6.22	NP	--	92.87	--
MW-2	11/30/1992	99.09	3.62	NP	--	95.47	--
MW-2	4/16/1993	99.09	4.65	NP	--	94.44	--
MW-2	10/3/2000	99.09	7.56	NP	--	91.53	--
MW-2	2/28/2001	99.09	5.48	NP	--	93.61	--
MW-2	5/30/2001	99.09	5.94	NP	--	93.15	--
MW-2	8/22/2001	99.09	7.64	NP	--	91.45	--
MW-2	11/21/2001	99.09	5.47	NP	--	93.62	--
MW-2	2/20/2002	99.09	4.25	NP	--	94.84	--
MW-2	5/16/2002	99.09	5.22	NP	--	93.87	--
MW-2	8/2/2002	99.09	6.96	NP	--	92.13	--
MW-2	12/19/2002	99.09	7.08	NP	--	92.01	--
MW-2	5/19/2003	99.09	6.24	NP	--	92.85	--
MW-2	11/13/2003	99.09	6.65	NP	--	92.44	--
MW-2	6/4/2004	99.09	5.96	NP	--	93.13	--
MW-2	10/7/2004	99.09	6.51	NP	--	92.58	--
MW-2	4/28/2005	99.09	4.89	NP	--	94.20	--
MW-2	11/16/2005	99.09	5.46	NP	--	93.63	--
MW-2	6/13/2006	99.09	6.29	NP	--	92.80	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	2/26/2007	99.09	3.51	NP	--	95.58	--
MW-2	5/9/2007	99.09	5.92	NP	--	93.17	--
MW-2	7/16/2007	99.09	7.40	NP	--	91.69	--
MW-2	8/22/2007	99.09	7.94	NP	--	91.15	--
MW-2	9/25/2007	99.09	8.22	NP	--	90.87	--
MW-2	10/25/2007	99.09	6.25	NP	--	92.84	--
MW-2	11/9/2007	99.09	6.81	NP	--	92.28	--
MW-2	12/3/2007	99.09	5.90	NP	--	93.19	--
MW-2	1/17/2008	99.09	4.21	NP	--	94.88	--
MW-2	4/7/2008	99.09	4.35	NP	--	94.74	--
MW-2	7/22/2008	99.09	6.88	NP	--	92.21	--
MW-2	10/21/2008	99.09	7.72	NP	--	91.37	--
MW-2	1/20/2009	99.09	4.04	NP	--	95.05	--
MW-2	7/6/2009	99.09	7.40	NP	--	91.69	--
MW-2	3/17/2010	99.09	5.23	NP	--	93.86	--
MW-2	9/15/2010	99.09	7.17	NP	--	91.92	--
MW-2	3/4/2011	99.09	3.78	NP	--	95.31	--
MW-2	8/24/2011	99.09	7.03	NP	--	92.06	--
MW-2	5/10/2012	99.09	4.22	NP	--	94.87	--
MW-2	11/15/2012	99.09	5.52	NP	--	93.57	--
MW-2	3/27/2013	99.09	4.53	NP	--	94.56	--
MW-2	12/17/2013	99.09	6.03	NP	--	93.06	--
MW-2	6/24/2014	99.09	6.22	NP	--	92.87	--
MW-2	11/7/2014	99.09	4.02	NP	--	95.07	--
MW-2	11/8/2014	99.09	4.40	NP	--	94.69	--
MW-2	11/8/2014	99.09	4.36	NP	--	94.73	--
MW-2	11/9/2014	99.09	4.27	NP	--	94.82	--
MW-2	11/10/2014	99.09	4.43	NP	--	94.66	--
MW-2	11/12/2014	99.09	4.73	NP	--	94.36	--
MW-2	11/18/2014	99.09	5.33	NP	--	93.76	--
MW-2	11/19/2014	99.09	5.37	NP	--	93.72	--
MW-2	12/1/2014	97.23	4.25	NP	--	92.98	--
MW-2	12/8/2014	97.23	4.40	NP	--	92.83	--
MW-2	12/15/2014	97.23	4.05	NP	--	93.18	--
MW-2	12/22/2014	97.23	3.78	NP	--	93.45	--
MW-2	12/29/2014	97.23	3.60	NP	--	93.63	--
MW-2	1/5/2015	97.23	2.41	NP	--	94.82	--
MW-2	1/12/2015	97.23	3.80	NP	--	93.43	--
MW-2	1/19/2015	97.23	2.93	NP	--	94.30	--

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Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	1/26/2015	97.23	3.44	NP	--	93.79	--
MW-2	2/2/2015	97.23	4.18	NP	--	93.05	--
MW-2	2/9/2015	97.23	3.25	NP	--	93.98	--
MW-2	2/16/2015	97.23	3.72	NP	--	93.51	--
MW-2	2/23/2015	97.23	4.22	NP	--	93.01	--
MW-2	3/2/2015	97.23	4.08	NP	--	93.15	--
MW-2	3/9/2015	97.23	4.74	NP	--	92.49	--
MW-2	3/16/2015	97.23	3.24	NP	--	93.99	--
MW-2	3/23/2015	97.23	3.73	NP	--	93.50	--
MW-2	3/30/2015	97.23	4.03	NP	--	93.20	--
MW-2	4/6/2015	97.23	4.72	NP	--	92.51	--
MW-2	4/22/2015	97.23	5.60	NP	--	91.63	--
MW-2	5/4/2015	97.23	5.74	NP	--	91.49	--
MW-2	5/18/2015	97.23	6.15	NP	--	91.08	--
MW-2	6/1/2015	97.23	6.66	NP	--	90.57	--
MW-2	6/15/2015	97.23	7.02	NP	--	90.21	--
MW-2	6/19/2015	97.23	7.15	NP	--	90.08	--
MW-2	6/29/2015	97.23	7.38	NP	--	89.85	--
MW-2	7/13/2015	97.23	7.65	NP	--	89.58	--
MW-2	7/28/2015	97.23	7.96	NP	--	89.27	--
MW-2	8/10/2015	97.23	8.21	NP	--	89.02	--
MW-2	8/24/2015	97.23	8.42	NP	--	88.81	--
MW-2	9/8/2015	97.23	7.52	NP	--	89.71	--
MW-2	9/21/2015	97.23	7.65	NP	--	89.58	--
MW-2	10/5/2015	97.23	7.97	NP	--	89.26	--
MW-2	10/12/2015	97.23	7.90	NP	--	89.33	--
MW-2	10/19/2015	97.23	8.01	NP	--	89.22	--
MW-2	11/2/2015	97.23	5.78	NP	--	91.45	--
MW-2	11/16/2015	97.23	3.78	NP	--	93.45	--
MW-2	11/30/2015	97.23	5.15	NP	--	92.08	--
MW-2	1/18/2016	97.23	4.15	NP	--	93.08	--
MW-2	2/1/2016	97.23	3.45	NP	--	93.78	--
MW-2	2/15/2016	97.23	2.46	NP	--	94.77	--
MW-2	3/7/2016	97.23	4.08	NP	--	93.15	--
MW-2	3/29/2016	97.23	3.64	NP	--	93.59	--
MW-2	4/5/2016	97.23	--	--	--	--	NG
MW-2	4/19/2016	97.23	4.75	NP	--	92.48	--
MW-2	5/10/2016	97.23	5.62	NP	--	91.61	--
MW-2	5/24/2016	97.23	6.02	NP	--	91.21	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	6/7/2016	97.23	6.33	NP	--	90.90	--
MW-2	6/21/2016	97.23	5.85	NP	--	91.38	--
MW-2	7/19/2016	97.23	6.92	NP	--	90.31	--
MW-2	8/23/2016	97.23	7.76	NP	--	89.47	--
MW-2	9/20/2016	97.23	7.05	NP	--	90.18	--
MW-2	11/8/2016	97.23	2.03	NP	--	95.20	--
MW-2	12/6/2016	97.23	3.86	NP	--	93.37	--
MW-2	3/21/2017	97.23	3.44	NP	--	93.79	--
MW-2	4/27/2017	97.23	4.71	NP	--	92.52	--
MW-2	5/30/2017	97.23	5.65	NP	--	91.58	--
MW-2	6/27/2017	97.23	6.66	NP	--	90.57	--
MW-2	8/3/2017	97.23	7.67	NP	--	89.56	--
MW-2	8/31/2017	97.23	8.25	NP	--	88.98	--
MW-2	9/26/2017	97.23	8.50	NP	--	88.73	--
MW-2	11/29/2017	97.23	4.46	NP	--	92.77	--
MW-2	2/27/2018	97.23	3.90	NP	--	93.33	--
MW-2	6/12/2018	97.23	6.63	NP	--	90.60	--
MW-2	8/29/2018	97.23	8.29	NP	--	88.94	--
MW-2	11/6/2018	97.23	5.98	NP	--	91.25	--
MW-2	3/6/2019	97.23	5.25	NP	--	91.98	--
MW-2	5/28/2019	97.23	6.80	NP	--	90.43	--
MW-2	9/3/2019	97.23	8.17	NP	--	89.06	--
MW-2	11/19/2019	97.23	3.46	NP	--	93.77	--
MW-9	2/26/2007	--	7.53	NP	--	--	--
MW-9	5/9/2007	--	8.22	NP	--	--	--
MW-9	7/16/2007	--	9.11	NP	--	--	--
MW-9	8/22/2007	--	--	--	--	--	Dry
MW-9	9/25/2007	--	--	--	--	--	Dry
MW-9	10/25/2007	--	--	--	--	--	Dry
MW-9	11/9/2007	--	--	--	--	--	Dry
MW-9	12/3/2007	--	--	--	--	--	Dry
MW-9	1/17/2008	--	9.08	NP	--	--	--
MW-9	4/7/2008	--	--	--	--	--	Dry
MW-9	7/22/2008	--	--	--	--	--	Dry
MW-9	10/21/2008	--	--	--	--	--	Dry
MW-9	7/6/2009	--	--	--	--	--	Dry
MW-9	3/17/2010	--	--	--	--	--	Dry
MW-9	9/15/2010	--	--	--	--	--	Dry

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	3/4/2011	--	--	--	--	--	Dry
MW-9	8/24/2011	--	--	--	--	--	Dry
MW-9	5/10/2012	--	--	--	--	--	Dry
MW-9	11/15/2012	--	--	--	--	--	Dry
MW-9	3/27/2013	--	7.35	NP	--	--	--
MW-9	12/17/2013	--	--	--	--	--	Dry
MW-9	6/24/2014	--	8.60	NP	--	--	--
MW-9	11/7/2014	--	--	--	--	--	Dry
MW-9	11/8/2014	--	--	--	--	--	Dry
MW-9	11/8/2014	--	--	--	--	--	Dry
MW-9	11/9/2014	--	--	--	--	--	Dry
MW-9	11/10/2014	--	--	--	--	--	Dry
MW-9	11/12/2014	--	9.21	NP	--	--	--
MW-9	11/17/2014	--	--	--	--	--	Dry
MW-9	11/18/2014	--	--	--	--	--	Dry
MW-9	11/19/2014	--	9.06	NP	--	--	--
MW-9	12/1/2014	99.67	8.75	NP	--	90.92	--
MW-9	12/8/2014	99.67	8.55	NP	--	91.12	--
MW-9	12/15/2014	99.67	8.20	NP	--	91.47	--
MW-9	12/22/2014	99.67	7.98	NP	--	91.69	--
MW-9	12/29/2014	99.67	7.58	NP	--	92.09	--
MW-9	1/5/2015	99.67	7.01	NP	--	92.66	--
MW-9	1/12/2015	99.67	6.78	NP	--	92.89	--
MW-9	1/19/2015	99.67	6.85	NP	--	92.82	--
MW-9	1/26/2015	99.67	6.54	NP	--	93.13	--
MW-9	2/2/2015	99.67	6.93	NP	--	92.74	--
MW-9	2/9/2015	99.67	6.67	NP	--	93.00	--
MW-9	2/16/2015	99.67	3.80	NP	--	95.87	--
MW-9	2/23/2015	99.67	7.00	NP	--	92.67	--
MW-9	3/2/2015	99.67	7.14	NP	--	92.53	--
MW-9	3/9/2015	99.67	7.43	NP	--	92.24	--
MW-9	3/16/2015	99.67	7.56	NP	--	92.11	--
MW-9	3/23/2015	99.67	7.29	NP	--	92.38	--
MW-9	3/30/2015	99.67	7.30	NP	--	92.37	--
MW-9	4/6/2015	99.67	7.61	NP	--	92.06	--
MW-9	4/22/2015	99.67	8.15	NP	--	91.52	--
MW-9	5/4/2015	99.67	8.40	NP	--	91.27	--
MW-9	5/18/2015	99.67	8.67	NP	--	91.00	--
MW-9	6/1/2015	99.67	8.99	NP	--	90.68	--

TABLE 1
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OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	6/15/2015	99.67	9.25	NP	--	90.42	--
MW-9	6/19/2015	99.67	9.34	NP	--	90.33	--
MW-9	6/29/2015	99.67	--	--	--	--	Dry
MW-9	7/13/2015	99.67	--	--	--	--	Dry
MW-9	7/28/2015	99.67	--	--	--	--	Dry
MW-9	8/10/2015	99.67	--	--	--	--	Dry
MW-9	8/24/2015	99.67	--	--	--	--	Dry
MW-9	9/8/2015	99.67	--	--	--	--	Dry
MW-9	9/21/2015	99.67	--	--	--	--	Dry
MW-9	10/5/2015	99.67	--	--	--	--	Dry
MW-9	10/12/2015	99.67	--	--	--	--	Dry
MW-9	10/19/2015	99.67	--	--	--	--	Dry
MW-9	11/2/2015	99.67	--	--	--	--	Dry
MW-9	11/16/2015	99.67	--	--	--	--	Dry
MW-9	11/30/2015	99.67	9.32	NP	--	90.35	--
MW-9	1/18/2016	99.67	7.45	NP	--	92.22	--
MW-9	2/1/2016	99.67	6.90	NP	--	92.77	--
MW-9	2/15/2016	99.67	6.57	NP	--	93.10	--
MW-9	3/7/2016	99.67	6.68	NP	--	92.99	--
MW-9	3/29/2016	99.67	6.82	NP	--	92.85	--
MW-9	4/5/2016	99.67	--	--	--	--	NG
MW-9	4/19/2016	99.67	7.40	NP	--	92.27	--
MW-9	5/10/2016	99.67	8.02	NP	--	91.65	--
MW-9	5/24/2016	99.67	8.40	NP	--	91.27	--
MW-9	6/7/2016	99.67	8.69	NP	--	90.98	--
MW-9	6/21/2016	99.67	8.90	NP	--	90.77	--
MW-9	7/19/2016	99.67	--	--	--	--	Dry
MW-9	8/23/2016	99.67	--	--	--	--	Dry
MW-9	9/20/2016	99.67	--	--	--	--	Dry
MW-9	11/8/2016	99.67	--	--	--	--	Dry
MW-9	12/6/2016	99.67	--	--	--	--	Dry
MW-9	3/21/2017	99.67	6.69	NP	--	92.98	Dry
MW-9	4/27/2017	99.67	7.47	NP	--	92.20	Dry
MW-9	5/30/2017	99.67	8.20	NP	--	91.47	Dry
MW-9	6/28/2017	99.67	8.93	NP	--	90.74	Dry
MW-9	8/3/2017	99.67	--	--	--	--	Dry
MW-9	8/31/2017	99.67	--	--	--	--	Dry
MW-9	11/29/2017	99.67	--	--	--	--	Dry
MW-9	2/27/2018	99.67	6.46	NP	--	93.21	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	6/12/2018	99.67	8.70	NP	--	90.97	--
MW-9	8/29/2018	99.67	--	--	--	--	Dry
MW-9	11/6/2018	99.67	--	--	--	--	Dry
MW-9	3/6/2019	99.67	--	--	--	--	Dry
MW-9	5/28/2019	99.67	--	--	--	--	Dry
MW-9	9/3/2019	99.67	--	--	--	--	Dry
MW-9	11/19/2019	99.67	--	--	--	--	Dry
MW-12	6/23/1992	101.10	7.95	NP	--	93.15	--
MW-12	7/2/1992	101.10	7.77	NP	--	93.33	--
MW-12	8/17/1992	101.10	8.20	NP	--	92.90	--
MW-12	9/30/1992	101.10	8.61	NP	--	92.49	--
MW-12	10/30/1992	101.10	8.18	NP	--	92.92	--
MW-12	11/30/1992	101.10	3.22	NP	--	97.88	--
MW-12	4/16/1993	101.10	4.64	NP	--	96.46	--
MW-12	10/3/2000	101.10	--	--	--	--	Dry
MW-12	2/28/2001	101.10	6.28	NP	--	94.82	--
MW-12	5/30/2001	101.10	7.51	NP	--	93.59	--
MW-12	8/22/2001	101.10	--	--	--	--	Dry
MW-12	11/21/2001	101.10	6.10	NP	--	95.00	--
MW-12	2/20/2002	101.10	5.53	NP	--	95.57	--
MW-12	5/16/2002	101.10	6.65	NP	--	94.45	--
MW-12	8/2/2002	101.10	8.55	NP	--	92.55	--
MW-12	12/19/2002	101.10	8.21	NP	--	92.89	--
MW-12	5/19/2003	101.10	7.66	NP	--	93.44	--
MW-12	11/13/2003	101.10	6.31	NP	--	94.79	--
MW-12	6/4/2004	101.10	6.87	NP	--	94.23	--
MW-12	10/7/2004	101.10	7.66	NP	--	93.44	--
MW-12	4/28/2005	101.10	5.88	NP	--	95.22	--
MW-12	11/16/2005	101.10	5.62	NP	--	95.48	--
MW-12	6/13/2006	101.10	7.17	NP	--	93.93	--
MW-12	2/26/2007	101.10	3.76	NP	--	97.34	--
MW-12	5/9/2007	101.10	7.21	NP	--	93.89	--
MW-12	7/16/2007	101.10	8.68	NP	--	92.42	--
MW-12	8/22/2007	101.10	9.19	NP	--	91.91	--
MW-12	9/25/2007	101.10	9.50	NP	--	91.60	--
MW-12	10/25/2007	101.10	6.79	NP	--	94.31	--
MW-12	11/9/2007	101.10	7.79	NP	--	93.31	--
MW-12	12/3/2007	101.10	6.80	NP	--	94.30	--

TABLE 1
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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	1/17/2008	101.10	4.52	NP	--	96.58	--
MW-12	4/7/2008	101.10	4.95	NP	--	96.15	--
MW-12	7/22/2008	101.10	8.16	NP	--	92.94	--
MW-12	10/21/2008	101.10	8.99	NP	--	92.11	--
MW-12	1/20/2009	101.10	4.80	NP	--	96.30	--
MW-12	7/6/2009	101.10	8.76	NP	--	92.34	--
MW-12	3/17/2010	101.10	6.33	NP	--	94.77	--
MW-12	9/15/2010	101.10	8.36	NP	--	92.74	--
MW-12	3/4/2011	101.10	4.48	NP	--	96.62	--
MW-12	8/24/2011	101.10	8.42	NP	--	92.68	--
MW-12	5/10/2012	101.10	5.05	NP	--	96.05	--
MW-12	11/15/2012	101.10	6.37	NP	--	94.73	--
MW-12	3/27/2013	101.10	5.40	NP	--	95.70	--
MW-12	12/17/2013	101.10	6.87	NP	--	94.23	--
MW-12	6/24/2014	101.10	7.45	NP	--	93.65	--
MW-12	11/7/2014	101.10	4.30	NP	--	96.80	--
MW-12	11/8/2014	101.10	4.76	NP	--	96.34	--
MW-12	11/8/2014	101.10	4.76	NP	--	96.34	--
MW-12	11/9/2014	101.10	4.45	NP	--	96.65	--
MW-12	11/10/2014	101.10	4.79	NP	--	96.31	--
MW-12	11/12/2014	101.10	5.25	NP	--	95.85	--
MW-12	11/18/2014	101.10	6.16	NP	--	94.94	--
MW-12	11/19/2014	101.10	6.21	NP	--	94.89	--
MW-12	12/1/2014	98.46	4.65	NP	--	93.81	--
MW-12	12/8/2014	98.46	4.80	NP	--	93.66	--
MW-12	12/15/2014	98.46	4.44	NP	--	94.02	--
MW-12	12/22/2014	98.46	4.38	NP	--	94.08	--
MW-12	12/29/2014	98.46	4.13	NP	--	94.33	--
MW-12	1/5/2015	98.46	2.93	NP	--	95.53	--
MW-12	1/12/2015	98.46	4.44	NP	--	94.02	--
MW-12	1/19/2015	98.46	3.74	NP	--	94.72	--
MW-12	1/26/2015	98.46	3.91	NP	--	94.55	--
MW-12	2/2/2015	98.46	4.92	NP	--	93.54	--
MW-12	2/9/2015	98.46	3.79	NP	--	94.67	--
MW-12	2/16/2015	98.46	4.35	NP	--	94.11	--
MW-12	2/23/2015	98.46	4.97	NP	--	93.49	--
MW-12	3/2/2015	98.46	4.70	NP	--	93.76	--
MW-12	3/9/2015	98.46	5.63	NP	--	92.83	--
MW-12	3/16/2015	98.46	4.28	NP	--	94.18	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	3/23/2015	98.46	4.22	NP	--	94.24	--
MW-12	3/30/2015	98.46	4.56	NP	--	93.90	--
MW-12	4/6/2015	98.46	5.63	NP	--	92.83	--
MW-12	4/22/2015	98.46	6.77	NP	--	91.69	--
MW-12	5/4/2015	98.46	6.90	NP	--	91.56	--
MW-12	5/18/2015	98.46	7.38	NP	--	91.08	--
MW-12	6/1/2015	98.46	7.96	NP	--	90.50	--
MW-12	6/15/2015	98.46	8.36	NP	--	90.10	--
MW-12	6/19/2015	98.46	8.50	NP	--	89.96	--
MW-12	6/29/2015	98.46	8.73	NP	--	89.73	--
MW-12	7/13/2015	98.46	9.03	NP	--	89.43	--
MW-12	7/28/2015	98.46	9.33	NP	--	89.13	--
MW-12	8/10/2015	98.46	9.59	NP	--	88.87	--
MW-12	8/24/2015	98.46	--	--	--	--	Dry
MW-12	9/8/2015	98.46	8.85	NP	--	89.61	--
MW-12	9/21/2015	98.46	9.12	NP	--	89.34	--
MW-12	10/5/2015	98.46	9.25	NP	--	89.21	--
MW-12	10/12/2015	98.46	9.24	NP	--	89.22	--
MW-12	10/19/2015	98.46	9.21	NP	--	89.25	--
MW-12	11/2/2015	98.46	7.50	NP	--	90.96	--
MW-12	11/16/2015	98.46	4.12	NP	--	94.34	--
MW-12	11/30/2015	98.46	5.63	NP	--	92.83	--
MW-12	1/18/2016	98.46	4.82	NP	--	93.64	--
MW-12	2/1/2016	98.46	4.06	NP	--	94.40	--
MW-12	2/15/2016	98.46	3.00	NP	--	95.46	--
MW-12	3/7/2016	98.46	5.02	NP	--	93.44	--
MW-12	3/29/2016	98.46	4.27	NP	--	94.19	--
MW-12	4/5/2016	98.46	--	--	--	--	NG
MW-12	4/19/2016	98.46	5.69	NP	--	92.77	--
MW-12	5/10/2016	98.46	6.86	NP	--	91.60	--
MW-12	5/24/2016	98.46	7.23	NP	--	91.23	--
MW-12	6/7/2016	98.46	7.53	NP	--	90.93	--
MW-12	6/21/2016	98.46	6.99	NP	--	91.47	--
MW-12	7/19/2016	98.46	8.19	NP	--	90.27	--
MW-12	8/23/2016	98.46	9.08	NP	--	89.38	--
MW-12	9/20/2016	98.46	8.28	NP	--	90.18	--
MW-12	11/8/2016	98.46	4.54	NP	--	93.92	--
MW-12	12/6/2016	98.46	4.43	NP	--	94.03	--
MW-12	3/21/2017	98.46	4.03	NP	--	94.43	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	4/27/2017	98.46	5.71	NP	--	92.75	--
MW-12	5/30/2017	98.46	6.81	NP	--	91.65	--
MW-12	6/28/2017	98.46	7.94	NP	--	90.52	--
MW-12	8/3/2017	98.46	9.00	NP	--	89.46	--
MW-12	8/31/2017	98.46	9.59	NP	--	88.87	--
MW-12	11/29/2017	98.46	4.99	NP	--	93.47	--
MW-12	2/27/2018	98.46	4.61	NP	--	93.85	--
MW-12	6/12/2018	98.46	7.90	NP	--	90.56	--
MW-12	8/29/2018	98.46	9.60	NP	--	88.86	--
MW-12	11/6/2018	98.46	7.51	NP	--	90.95	--
MW-12	3/6/2019	98.46	6.12	NP	--	92.34	--
MW-12	5/28/2019	98.46	8.00	NP	--	90.46	--
MW-12	9/3/2019	98.46	9.73	NP	--	88.73	--
MW-12	11/19/2019	98.46	3.91	NP	--	94.55	--
MW-14	6/23/1992	99.36	6.25	NP	--	93.11	--
MW-14	7/2/1992	99.36	5.95	NP	--	93.41	--
MW-14	8/17/1992	99.36	6.46	NP	--	92.90	--
MW-14	9/30/1992	99.36	6.80	6.70	0.10	92.63	--
MW-14	10/30/1992	99.36	6.47	NP	--	92.89	--
MW-14	11/30/1992	99.36	3.75	3.74	0.01	95.62	--
MW-14	4/16/1993	99.36	4.73	4.71	0.02	94.64	--
MW-14	10/3/2000	99.36	7.54	7.51	0.03	91.84	--
MW-14	2/28/2001	99.36	5.22	4.96	0.26	94.34	--
MW-14	5/30/2001	99.36	6.09	NP	--	93.27	--
MW-14	8/22/2001	99.36	7.72	7.62	0.10	91.72	--
MW-14	11/21/2001	99.36	4.71	NP	--	94.65	--
MW-14	2/20/2002	99.36	4.35	4.18	0.17	95.14	--
MW-14	5/16/2002	99.36	5.14	NP	--	94.22	--
MW-14	8/2/2002	99.36	6.98	NP	--	92.38	--
MW-14	12/19/2002	99.36	6.66	6.64	0.02	92.72	--
MW-14	5/19/2003	99.36	6.03	6.02	0.01	93.34	--
MW-14	11/13/2003	99.36	6.27	6.26	0.01	93.10	--
MW-14	6/4/2004	99.36	5.57	NP	--	93.79	--
MW-14	10/7/2004	99.36	6.27	NP	--	93.09	--
MW-14	4/28/2005	99.36	4.53	NP	--	94.83	--
MW-14	11/16/2005	99.36	4.32	NP	--	95.04	--
MW-14	6/13/2006	99.36	5.94	NP	--	93.42	--
MW-14	2/26/2007	99.36	2.50	NP	--	96.86	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-14	5/9/2007	99.36	6.68	NP	--	92.68	--
MW-14	7/16/2007	99.36	7.06	NP	--	92.30	--
MW-14	8/22/2007	99.36	7.58	NP	--	91.78	--
MW-14	9/25/2007	99.36	7.90	NP	--	91.46	--
MW-14	10/25/2007	99.36	5.25	NP	--	94.11	--
MW-14	11/9/2007	99.36	6.24	NP	--	93.12	--
MW-14	12/3/2007	99.36	5.17	NP	--	94.19	--
MW-14	1/17/2008	99.36	3.10	NP	--	96.26	--
MW-14	4/7/2008	99.36	3.41	NP	--	95.95	--
MW-14	7/22/2008	99.36	6.64	NP	--	92.72	--
MW-14	10/21/2008	99.36	7.42	NP	--	91.94	--
MW-14	1/20/2009	99.36	3.29	NP	--	96.07	--
MW-14	7/6/2009	99.36	7.21	NP	--	92.15	--
MW-14	3/17/2010	99.36	4.61	NP	--	94.75	--
MW-14	9/15/2010	99.36	6.76	NP	--	92.60	--
MW-14	3/4/2011	99.36	2.81	NP	--	96.55	--
MW-14	8/24/2011	99.36	6.74	NP	--	92.62	--
MW-14	5/10/2012	99.36	--	--	--	--	WD
MW-14	11/15/2012	99.36	--	--	--	--	Dry
MW-14	3/27/2013	99.36	--	--	--	--	Dry
MW-14	12/17/2013	99.36	4.00	NP	--	95.36	--
MW-14	6/24/2014	99.36	4.53	NP	--	94.83	--
MW-14	11/7/2014	99.36	1.34	NP	--	98.02	--
MW-14	11/8/2014	99.36	2.01	NP	--	97.35	--
MW-14	11/8/2014	99.36	2.01	NP	--	97.35	--
MW-14	11/9/2014	99.36	1.64	NP	--	97.72	--
MW-14	11/10/2014	99.36	1.98	NP	--	97.38	--
MW-14	11/18/2014	99.36	3.27	NP	--	96.09	--
MW-14	11/19/2014	99.36	3.32	NP	--	96.04	--
MW-14	12/1/2014	99.36	1.80	NP	--	97.56	--
MW-14	12/8/2014	99.36	1.90	NP	--	97.46	--
MW-14	12/15/2014	99.36	1.59	NP	--	97.77	--
MW-14	12/22/2014	99.36	1.68	NP	--	97.68	--
MW-14	12/29/2014	99.36	1.35	NP	--	98.01	--
MW-14	1/5/2015	99.36	0.65	NP	--	98.71	--
MW-14	1/12/2015	99.36	1.28	NP	--	98.08	--
MW-14	1/19/2015	99.36	1.32	NP	--	98.04	--
MW-14	1/26/2015	99.36	1.29	NP	--	98.07	--
MW-14	2/2/2015	99.36	2.03	NP	--	97.33	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-14	2/9/2015	99.36	1.29	NP	--	98.07	--
MW-14	2/16/2015	99.36	1.42	NP	--	97.94	--
MW-14	2/23/2015	99.36	2.09	NP	--	97.27	--
MW-14	3/2/2015	99.36	1.82	NP	--	97.54	--
MW-14	3/9/2015	99.36	2.73	NP	--	96.63	--
MW-14	3/16/2015	99.36	1.31	NP	--	98.05	--
MW-14	3/23/2015	99.36	1.36	NP	--	98.00	--
MW-14	3/30/2015	99.36	1.69	NP	--	97.67	--
MW-14	4/6/2015	99.36	2.71	NP	--	96.65	--
MW-14	4/22/2015	99.36	3.81	NP	--	95.55	--
MW-14	5/4/2015	99.36	3.98	NP	--	95.38	--
MW-14	5/18/2015	99.36	4.43	NP	--	94.93	--
MW-14	6/1/2015	99.36	4.99	NP	--	94.37	--
MW-14	6/15/2015	99.36	5.35	NP	--	94.01	--
MW-14	6/19/2015	99.36	5.46	NP	--	93.90	--
MW-14	6/29/2015	99.36	5.72	NP	--	93.64	--
MW-14	7/13/2015	99.36	6.06	NP	--	93.30	--
MW-14	7/28/2015	99.36	6.34	NP	--	93.02	--
MW-14	8/10/2015	99.36	--	--	--	--	Dry
MW-14	8/24/2015	99.36	--	--	--	--	Dry
MW-14	9/8/2015	99.36	5.87	NP	--	93.49	--
MW-14	9/21/2015	99.36	5.47	NP	--	93.89	--
MW-14	10/5/2015	99.36	6.25	NP	--	93.11	--
MW-14	10/12/2015	99.36	6.17	NP	--	93.19	--
MW-14	10/19/2015	99.36	6.26	NP	--	93.10	--
MW-14	11/2/2015	99.36	4.48	NP	--	94.88	--
MW-14	11/16/2015	99.36	1.32	NP	--	98.04	--
MW-14	11/30/2015	99.36	2.84	NP	--	96.52	--
MW-14	1/18/2016	99.36	1.94	NP	--	97.42	--
MW-14	2/1/2016	99.36	1.31	NP	--	98.05	--
MW-14	2/15/2016	99.36	0.60	NP	--	98.76	--
MW-14	3/7/2016	99.36	2.13	NP	--	97.23	--
MW-14	3/29/2016	99.36	1.42	NP	--	97.94	--
MW-14	4/5/2016	99.36	--	--	--	--	NG
MW-14	4/19/2016	99.36	2.80	NP	--	96.56	--
MW-14	5/10/2016	99.36	3.92	NP	--	95.44	--
MW-14	5/24/2016	99.36	4.27	NP	--	95.09	--
MW-14	6/7/2016	99.36	4.56	NP	--	94.80	--
MW-14	6/21/2016	99.36	4.09	NP	--	95.27	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-14	7/19/2016	99.36	5.20	NP	--	94.16	--
MW-14	8/23/2016	99.36	6.10	NP	--	93.26	--
MW-14	9/20/2016	99.36	5.25	NP	--	94.11	--
MW-14	11/8/2016	99.36	1.64	NP	--	97.72	--
MW-14	12/6/2016	99.36	1.52	NP	--	97.84	--
MW-14	3/21/2017	99.36	1.15	NP	--	98.21	--
MW-14	4/27/2017	99.36	2.72	NP	--	96.64	--
MW-14	5/30/2017	99.36	3.84	NP	--	95.52	--
MW-14	6/27/2017	99.36	4.94	NP	--	94.42	--
MW-14	8/3/2017	99.36	6.02	NP	--	93.34	--
MW-14	8/31/2017	99.36	6.59	NP	--	92.77	--
MW-14	9/26/2017	99.36	6.80	NP	--	92.56	--
MW-14	11/29/2017	99.36	2.21	NP	--	97.15	--
MW-14	2/27/2018	99.36	1.67	NP	--	97.69	--
MW-14	6/12/2018	99.36	4.86	NP	--	94.50	--
MW-14	8/29/2018	99.36	6.60	NP	--	92.76	IW
MW-14	11/6/2018	99.36	4.55	NP	--	94.81	--
MW-14	3/6/2019	99.36	3.09	NP	--	96.27	--
MW-14	5/28/2019	99.36	4.95	NP	--	94.41	--
MW-14	9/3/2019	99.36	--	--	--	--	Dry
MW-14	11/19/2019	99.36	1.65	NP	--	97.71	--
MW-17A	4/28/2005	101.53	5.52	NP	--	96.01	--
MW-17A	11/16/2005	101.53	7.63	NP	--	93.90	--
MW-17A	6/13/2006	101.53	7.05	NP	--	94.48	--
MW-17A	2/26/2007	101.53	4.98	NP	--	96.55	--
MW-17A	5/9/2007	101.53	6.63	NP	--	94.90	--
MW-17A	7/16/2007	101.53	7.98	NP	--	93.55	--
MW-17A	8/22/2007	101.53	8.55	NP	--	92.98	--
MW-17A	9/25/2007	101.53	8.93	NP	--	92.60	--
MW-17A	10/25/2007	101.53	7.88	NP	--	93.65	--
MW-17A	11/9/2007	101.53	7.95	NP	--	93.58	--
MW-17A	12/3/2007	101.53	7.53	NP	--	94.00	--
MW-17A	1/17/2008	101.53	5.95	NP	--	95.58	--
MW-17A	4/7/2008	101.53	5.42	NP	--	96.11	--
MW-17A	7/22/2008	101.53	7.66	NP	--	93.87	--
MW-17A	10/21/2008	101.53	8.75	NP	--	92.78	--
MW-17A	1/20/2009	101.53	5.14	NP	--	96.39	--
MW-17A	7/6/2009	101.53	8.11	NP	--	93.42	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-17A	3/17/2010	101.53	6.58	NP	--	94.95	--
MW-17A	9/15/2010	101.53	8.20	NP	--	93.33	--
MW-17A	3/4/2011	101.53	4.99	NP	--	96.54	--
MW-17A	8/24/2011	101.53	8.11	NP	--	93.42	--
MW-17A	5/10/2012	101.53	5.25	NP	--	96.28	--
MW-17A	11/15/2012	101.53	7.82	NP	--	93.71	--
MW-17A	3/27/2013	101.53	5.59	NP	--	95.94	--
MW-17A	12/17/2013	101.53	7.42	NP	--	94.11	--
MW-17A	6/24/2014	101.53	7.07	NP	--	94.46	--
MW-17A	11/6/2014	101.53	6.68	NP	--	94.85	--
MW-17A	11/7/2014	101.53	6.60	NP	--	94.93	--
MW-17A	11/8/2014	101.53	7.65	NP	--	93.88	--
MW-17A	11/8/2014	101.53	7.59	NP	--	93.94	--
MW-17A	11/9/2014	101.53	6.57	NP	--	94.96	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/10/2014	101.53	6.47	NP	--	95.06	--
MW-17A	11/10/2014	101.53	6.45	NP	--	95.08	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/11/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/11/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/12/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/13/2014	101.53	6.56	NP	--	94.97	--
MW-17A	11/14/2014	101.53	6.68	NP	--	94.85	--
MW-17A	11/17/2014	101.53	6.80	NP	--	94.73	--
MW-17A	11/18/2014	101.53	6.85	NP	--	94.68	--
MW-17A	11/19/2014	101.53	6.85	NP	--	94.68	--
MW-17A	12/1/2014	98.54	6.16	NP	--	92.38	--
MW-17A	12/8/2014	98.54	6.25	NP	--	92.29	--
MW-17A	12/15/2014	98.54	5.75	NP	--	92.79	--
MW-17A	12/22/2014	98.54	5.75	NP	--	92.79	--
MW-17A	12/29/2014	98.54	5.40	NP	--	93.14	--
MW-17A	1/5/2015	98.54	5.42	NP	--	93.12	--
MW-17A	1/12/2015	98.54	5.16	NP	--	93.38	--
MW-17A	1/14/2015	98.54	5.16	NP	--	93.38	--
MW-17A	1/19/2015	98.54	5.32	NP	--	93.22	--
MW-17A	1/26/2015	98.54	4.89	NP	--	93.65	--
MW-17A	2/2/2015	98.54	5.40	NP	--	93.14	--
MW-17A	2/9/2015	98.54	4.92	NP	--	93.62	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-17A	2/16/2015	98.54	4.97	NP	--	93.57	--
MW-17A	2/23/2015	98.54	5.48	NP	--	93.06	--
MW-17A	3/2/2015	98.54	5.47	NP	--	93.07	--
MW-17A	3/9/2015	98.54	5.87	NP	--	92.67	--
MW-17A	3/16/2015	98.54	5.90	NP	--	92.64	--
MW-17A	3/23/2015	98.54	5.43	NP	--	93.11	--
MW-17A	3/30/2015	98.54	5.40	NP	--	93.14	--
MW-17A	4/6/2015	98.54	5.84	NP	--	92.70	--
MW-17A	4/22/2015	98.54	6.54	NP	--	92.00	--
MW-17A	5/4/2015	98.54	6.77	NP	--	91.77	--
MW-17A	5/18/2015	98.54	7.10	NP	--	91.44	--
MW-17A	6/1/2015	98.54	7.58	NP	--	90.96	--
MW-17A	6/15/2015	98.54	7.86	NP	--	90.68	--
MW-17A	6/19/2015	98.54	7.93	NP	--	90.61	--
MW-17A	6/29/2015	98.54	8.30	NP	--	90.24	--
MW-17A	7/13/2015	98.54	8.44	NP	--	90.10	--
MW-17A	8/24/2015	98.54	--	--	--	--	NG
MW-17A	9/8/2015	98.54	--	--	--	--	NG
MW-17A	9/21/2015	98.54	--	--	--	--	Dry
MW-17A	10/5/2015	98.54	--	--	--	--	Dry
MW-17A	10/12/2015	98.54	--	--	--	--	Dry
MW-17A	10/19/2015	98.54	--	--	--	--	Dry
MW-17A	11/2/2015	98.54	--	--	--	--	Dry
MW-17A	11/16/2015	98.54	8.64	NP	--	89.90	--
MW-17A	11/30/2015	98.54	--	--	--	--	NG
MW-17A	1/18/2016	98.54	6.45	NP	--	92.09	--
MW-17A	2/1/2016	98.54	5.58	NP	--	92.96	--
MW-17A	2/15/2016	98.54	2.91	NP	--	95.63	--
MW-17A	3/7/2016	98.54	4.70	NP	--	93.84	--
MW-17A	3/29/2016	98.54	5.75	NP	--	92.79	--
MW-17A	4/5/2016	98.54	--	--	--	--	NG
MW-17A	4/19/2016	98.54	6.70	NP	--	91.84	--
MW-17A	5/10/2016	98.54	7.47	NP	--	91.07	--
MW-17A	5/24/2016	98.54	7.86	NP	--	90.68	--
MW-17A	6/7/2016	98.54	8.18	NP	--	90.36	--
MW-17A	6/21/2016	98.54	7.99	NP	--	90.55	--
MW-17A	7/19/2016	98.54	8.77	NP	--	89.77	--
MW-17A	8/23/2016	98.54	--	--	--	--	Dry
MW-17A	9/20/2016	98.54	--	--	--	--	Dry

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Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-17A	11/8/2016	98.54	7.21	NP	--	91.33	--
MW-17A	12/6/2016	98.54	--	--	--	--	--
MW-17A	3/21/2017	98.54	3.44	NP	--	95.10	Dry
MW-17A	4/27/2017	98.54	6.52	NP	--	92.02	Dry
MW-17A	5/30/2017	98.54	7.36	NP	--	91.18	Dry
MW-17A	6/28/2017	98.54	8.40	NP	--	90.14	Dry
MW-17A	8/3/2017	98.54	--	--	--	--	Dry
MW-17A	8/31/2017	98.54	--	--	--	--	Dry
MW-17A	9/26/2017	98.54	--	--	--	--	Dry
MW-17A	11/29/2017	98.54	2.27	NP	--	96.27	--
MW-17A	2/27/2018	98.54	5.69	NP	--	92.85	--
MW-17A	6/12/2018	98.54	8.16	NP	--	90.38	--
MW-17A	8/29/2018	98.54	9.19	NP	--	89.35	--
MW-17A	11/6/2018	98.54	9.16	NP	--	89.38	--
MW-17A	3/6/2019	98.54	7.31	NP	--	91.23	--
MW-17A	5/28/2019	98.54	--	--	--	--	--
MW-17A	9/3/2019	98.54	--	--	--	--	Dry
MW-17A	11/19/2019	98.54	7.52	NP	--	91.02	--
MW-18	12/17/2013	97.08	5.92	NP	--	91.16	--
MW-18	6/24/2014	97.08	5.50	NP	--	91.58	--
MW-18	11/6/2014	97.08	5.21	NP	--	91.87	--
MW-18	11/7/2014	97.08	5.25	NP	--	91.83	--
MW-18	11/8/2014	97.08	--	--	--	--	NG
MW-18	11/8/2014	97.08	--	--	--	--	NG
MW-18	11/9/2014	97.08	6.80	4.25	2.55	92.19	--
MW-18	11/10/2014	97.08	7.60	4.51	3.09	91.80	--
MW-18	11/10/2014	97.08	7.62	4.49	3.13	91.81	--
MW-18	11/10/2014	97.08	7.63	4.45	3.18	91.84	--
MW-18	11/10/2014	97.08	7.60	4.45	3.15	91.84	--
MW-18	11/10/2014	97.08	7.36	4.39	2.97	91.95	--
MW-18	11/11/2014	97.08	7.67	4.50	3.17	91.79	--
MW-18	11/11/2014	97.08	7.85	4.55	3.30	91.70	--
MW-18	11/12/2014	97.08	7.80	4.50	3.30	91.75	--
MW-18	11/13/2014	97.08	6.85	5.45	1.40	91.28	--
MW-18	11/14/2014	97.08	6.90	5.60	1.30	91.15	--
MW-18	11/17/2014	97.08	6.65	5.55	1.10	91.26	--
MW-18	11/18/2014	97.08	6.05	5.87	0.18	91.17	--
MW-18	11/19/2014	97.08	5.98	5.91	0.07	91.15	--

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Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-18	12/1/2014	97.08	4.96	NP	--	92.12	--
MW-18	12/8/2014	97.08	4.92	4.91	0.01	92.17	--
MW-18	12/15/2014	97.08	4.52	NP	--	92.56	--
MW-18	12/22/2014	97.08	4.49	NP	--	92.59	--
MW-18	12/29/2014	97.08	4.12	NP	--	92.96	--
MW-18	1/5/2015	97.08	3.65	NP	--	93.43	--
MW-18	1/12/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/13/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/19/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/26/2015	97.08	3.54	NP	--	93.54	--
MW-18	2/2/2015	97.08	3.99	NP	--	93.09	--
MW-18	2/9/2015	97.08	3.52	NP	--	93.56	--
MW-18	2/16/2015	97.08	3.59	NP	--	93.49	--
MW-18	2/23/2015	97.08	4.05	NP	--	93.03	--
MW-18	3/2/2015	97.08	4.10	NP	--	92.98	--
MW-18	3/9/2015	97.08	4.50	NP	--	92.58	--
MW-18	3/16/2015	97.08	4.36	NP	--	92.72	--
MW-18	3/23/2015	97.08	4.11	NP	--	92.97	--
MW-18	3/30/2015	97.08	4.10	NP	--	92.98	--
MW-18	4/6/2015	97.08	5.57	NP	--	91.51	--
MW-18	4/22/2015	97.08	5.21	NP	--	91.87	--
MW-18	5/4/2015	97.08	5.58	5.54	0.04	91.53	--
MW-18	5/18/2015	97.08	5.95	5.93	0.02	91.15	--
MW-18	6/1/2015	97.08	6.46	NP	--	90.62	--
MW-18	6/15/2015	97.08	6.79	6.76	0.03	90.31	--
MW-18	6/19/2015	97.08	6.82	6.81	0.01	90.27	--
MW-18	6/29/2015	97.08	7.11	7.10	0.01	89.98	--
MW-18	7/13/2015	97.08	7.47	7.42	0.05	89.65	--
MW-18	7/28/2015	97.08	7.76	7.75	0.01	89.33	--
MW-18	8/10/2015	97.08	7.98	7.97	0.01	89.11	--
MW-18	8/24/2015	97.08	8.20	8.18	0.02	88.90	--
MW-18	9/8/2015	97.08	7.61	NP	--	89.47	--
MW-18	9/21/2015	97.08	7.71	NP	--	89.37	--
MW-18	10/5/2015	97.08	--	--	--	--	NG
MW-18	10/12/2015	97.08	--	--	--	--	NG
MW-18	10/19/2015	97.08	8.05	NP	--	89.03	--
MW-18	11/2/2015	97.08	7.77	NP	--	89.31	--
MW-18	11/16/2015	97.08	6.85	NP	--	90.23	--
MW-18	11/30/2015	97.08	6.49	NP	--	90.59	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-18	1/18/2016	97.08	3.97	NP	--	93.11	--
MW-18	2/1/2016	97.08	--	--	--	--	NG
MW-18	2/15/2016	97.08	--	--	--	--	WI
MW-18	3/7/2016	97.08	--	--	--	--	WI
MW-18	3/29/2016	97.08	3.33	NP	--	93.75	--
MW-18	4/5/2016	97.08	3.65	NP	--	93.43	--
MW-18	4/19/2016	97.08	4.31	NP	--	92.77	--
MW-18	5/10/2016	97.08	5.36	5.35	0.01	91.73	--
MW-18	5/24/2016	97.08	5.56	NP	--	91.52	--
MW-18	6/7/2016	97.08	5.90	NP	--	91.18	--
MW-18	6/21/2016	97.08	5.80	NP	--	91.28	--
MW-18	7/19/2016	97.08	6.59	NP	--	90.49	--
MW-18	8/23/2016	97.08	7.45	NP	--	89.63	--
MW-18	9/20/2016	97.08	7.12	NP	--	89.96	--
MW-18	11/8/2016	97.08	5.12	NP	--	91.96	--
MW-18	12/6/2016	97.08	4.18	NP	--	92.90	--
MW-18	3/21/2017	97.08	2.90	NP	--	94.18	--
MW-18	4/27/2017	97.08	4.18	NP	--	92.90	--
MW-18	5/30/2017	97.08	5.08	NP	--	92.00	--
MW-18	6/28/2017	97.08	6.14	NP	--	90.94	--
MW-18	8/3/2017	97.08	7.23	NP	--	89.85	--
MW-18	8/31/2017	97.08	7.86	NP	--	89.22	--
MW-18	9/26/2017	97.08	8.17	NP	--	88.91	--
MW-18	11/29/2017	97.08	5.42	NP	--	91.66	--
MW-18	2/27/2018	97.08	3.24	NP	--	93.84	--
MW-18	6/12/2018	97.08	5.92	NP	--	91.16	--
MW-18	8/29/2018	97.08	7.86	NP	--	89.22	--
MW-18	11/6/2018	97.08	6.80	NP	--	90.28	--
MW-18	3/6/2019	97.08	4.95	NP	--	92.13	--
MW-18	5/28/2019	97.08	6.32	NP	--	90.76	--
MW-18	9/3/2019	97.08	8.10	NP	--	88.98	--
MW-18	11/19/2019	97.08	5.41	NP	--	91.67	--
MW-19	12/17/2013	97.69	4.56	NP	--	93.13	--
MW-19	6/24/2014	97.69	6.25	NP	--	91.44	--
MW-19	11/6/2014	97.69	2.14	NP	--	95.55	--
MW-19	11/7/2014	97.69	2.20	NP	--	95.49	--
MW-19	11/8/2014	97.69	2.37	NP	--	95.32	--
MW-19	11/8/2014	97.69	2.41	NP	--	95.28	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-19	11/9/2014	97.69	2.14	NP	--	95.55	--
MW-19	11/10/2014	97.69	2.91	NP	--	94.78	--
MW-19	11/10/2014	97.69	2.89	NP	--	94.80	--
MW-19	11/10/2014	97.69	2.84	NP	--	94.85	--
MW-19	11/10/2014	97.69	2.84	NP	--	94.85	--
MW-19	11/10/2014	97.69	2.83	NP	--	94.86	--
MW-19	11/11/2014	97.69	3.19	NP	--	94.50	--
MW-19	11/11/2014	97.69	2.91	NP	--	94.78	--
MW-19	11/12/2014	97.69	2.90	NP	--	94.79	--
MW-19	11/13/2014	97.69	3.00	NP	--	94.69	--
MW-19	11/14/2014	97.69	3.30	NP	--	94.39	--
MW-19	11/17/2014	97.69	3.70	NP	--	93.99	--
MW-19	11/18/2014	97.69	3.78	NP	--	93.91	--
MW-19	11/19/2014	97.69	3.83	NP	--	93.86	--
MW-19	12/1/2014	96.50	2.26	NP	--	94.24	--
MW-19	12/8/2014	96.50	2.50	NP	--	94.00	--
MW-19	12/15/2014	96.50	2.03	NP	--	94.47	--
MW-19	12/22/2014	96.50	2.18	NP	--	94.32	--
MW-19	12/29/2014	96.50	1.88	NP	--	94.62	--
MW-19	1/5/2015	96.50	1.00	NP	--	95.50	--
MW-19	1/12/2015	96.50	2.16	NP	--	94.34	--
MW-19	1/15/2015	96.50	2.16	NP	--	94.34	--
MW-19	1/19/2015	96.50	2.04	NP	--	94.46	--
MW-19	1/26/2015	96.50	1.78	NP	--	94.72	--
MW-19	2/2/2015	96.50	2.42	2.39	0.03	94.10	--
MW-19	2/9/2015	96.50	1.67	NP	--	94.83	--
MW-19	2/16/2015	96.50	2.01	NP	--	94.49	--
MW-19	2/23/2015	96.50	2.52	2.49	0.03	94.00	--
MW-19	3/2/2015	96.50	2.37	2.35	0.02	94.15	--
MW-19	3/9/2015	96.50	3.08	NP	--	93.42	--
MW-19	3/16/2015	96.50	2.32	NP	--	94.18	--
MW-19	3/23/2015	96.50	2.01	NP	--	94.49	--
MW-19	3/30/2015	96.50	2.23	NP	--	94.27	--
MW-19	4/6/2015	96.50	3.07	NP	--	93.43	--
MW-19	4/7/2015	96.50	3.25	NP	--	93.25	--
MW-19	4/22/2015	96.50	4.34	NP	--	92.16	--
MW-19	5/4/2015	96.50	4.51	NP	--	91.99	--
MW-19	5/18/2015	96.50	5.05	NP	--	91.45	--
MW-19	6/1/2015	96.50	5.74	NP	--	90.76	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-19	6/15/2015	96.50	6.15	NP	--	90.35	--
MW-19	6/19/2015	96.50	6.28	NP	--	90.22	--
MW-19	6/29/2015	96.50	6.53	NP	--	89.97	--
MW-19	7/13/2015	96.50	6.83	NP	--	89.67	--
MW-19	7/28/2015	96.50	7.11	NP	--	89.39	--
MW-19	8/10/2015	96.50	7.34	NP	--	89.16	--
MW-19	8/24/2015	96.50	7.52	NP	--	88.98	--
MW-19	9/8/2015	96.50	7.29	NP	--	89.21	--
MW-19	9/21/2015	96.50	7.08	NP	--	89.42	--
MW-19	10/5/2015	96.50	7.12	NP	--	89.38	--
MW-19	10/12/2015	96.50	7.13	NP	--	89.37	--
MW-19	10/19/2015	96.50	7.16	NP	--	89.34	--
MW-19	11/2/2015	96.50	6.53	NP	--	89.97	--
MW-19	11/16/2015	96.50	2.50	NP	--	94.00	--
MW-19	11/30/2015	96.50	3.41	NP	--	93.09	--
MW-19	1/18/2016	96.50	2.55	NP	--	93.95	--
MW-19	2/1/2016	96.50	2.02	NP	--	94.48	--
MW-19	2/15/2016	96.50	1.06	NP	--	95.44	--
MW-19	3/7/2016	96.50	2.60	NP	--	93.90	--
MW-19	3/29/2016	96.50	2.10	NP	--	94.40	--
MW-19	4/5/2016	96.50	2.25	NP	--	94.25	--
MW-19	4/19/2016	96.50	3.32	3.30	0.02	93.20	--
MW-19	5/10/2016	96.50	4.51	NP	--	91.99	--
MW-19	5/24/2016	96.50	5.02	NP	--	91.48	--
MW-19	6/7/2016	96.50	5.34	NP	--	91.16	--
MW-19	6/21/2016	96.50	5.00	NP	--	91.50	--
MW-19	7/19/2016	96.50	6.05	NP	--	90.45	--
MW-19	8/23/2016	96.50	6.90	NP	--	89.60	--
MW-19	9/20/2016	96.50	6.17	NP	--	90.33	--
MW-19	11/8/2016	96.50	2.35	NP	--	94.15	--
MW-19	12/6/2016	96.50	2.08	NP	--	94.42	--
MW-19	3/21/2017	96.50	1.74	NP	--	94.76	--
MW-19	4/27/2017	96.50	--	--	--	--	WI
MW-19	5/30/2017	96.50	4.40	NP	--	92.10	--
MW-19	6/27/2017	96.50	5.74	NP	--	90.76	--
MW-19	8/3/2017	96.50	6.80	NP	--	89.70	--
MW-19	8/31/2017	96.50	7.35	NP	--	89.15	--
MW-19	9/26/2017	96.50	7.66	NP	--	88.84	--
MW-19	11/29/2017	96.50	3.17	NP	--	93.33	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-19	2/27/2018	96.50	2.25	NP	--	94.25	--
MW-19	6/12/2018	96.50	5.63	NP	--	90.87	--
MW-19	8/29/2018	96.50	7.39	NP	--	89.11	--
MW-19	11/6/2018	96.50	5.92	NP	--	90.58	--
MW-19	3/6/2019	96.50	3.68	NP	--	92.82	--
MW-19	5/28/2019	96.50	5.80	NP	--	90.70	--
MW-19	9/3/2019	96.50	7.51	NP	--	88.99	--
MW-19	11/19/2019	96.50	1.22	NP	--	95.28	--
MW-20	12/17/2013	97.94	7.69	NP	--	90.25	--
MW-20	6/24/2014	97.94	5.40	NP	--	92.54	--
MW-20	11/6/2014	97.94	4.38	NP	--	93.56	--
MW-20	11/7/2014	97.94	4.30	NP	--	93.64	--
MW-20	11/8/2014	97.94	4.90	NP	--	93.04	--
MW-20	11/8/2014	97.94	5.00	NP	--	92.94	--
MW-20	11/9/2014	97.94	4.31	NP	--	93.63	--
MW-20	11/10/2014	97.94	4.35	NP	--	93.59	--
MW-20	11/10/2014	97.94	4.36	NP	--	93.58	--
MW-20	11/10/2014	97.94	4.35	NP	--	93.59	--
MW-20	11/10/2014	97.94	4.36	NP	--	93.58	--
MW-20	11/10/2014	97.94	4.42	NP	--	93.52	--
MW-20	11/11/2014	97.94	4.43	NP	--	93.51	--
MW-20	11/11/2014	97.94	4.48	NP	--	93.46	--
MW-20	11/12/2014	97.94	4.49	NP	--	93.45	--
MW-20	11/13/2014	97.94	4.52	NP	--	93.42	--
MW-20	11/14/2014	97.94	4.76	NP	--	93.18	--
MW-20	11/17/2014	97.94	4.86	NP	--	93.08	--
MW-20	11/18/2014	97.94	4.90	NP	--	93.04	--
MW-20	11/19/2014	97.94	4.97	NP	--	92.97	--
MW-20	12/1/2014	96.66	4.03	NP	--	92.63	--
MW-20	12/8/2014	96.66	4.20	NP	--	92.46	--
MW-20	12/15/2014	96.66	3.72	NP	--	92.94	--
MW-20	12/22/2014	96.66	3.62	NP	--	93.04	--
MW-20	12/29/2014	96.66	3.32	NP	--	93.34	--
MW-20	1/5/2015	96.66	2.28	NP	--	94.38	--
MW-20	1/12/2015	96.66	4.27	NP	--	92.39	--
MW-20	1/19/2015	96.66	3.06	NP	--	93.60	--
MW-20	1/26/2015	96.66	2.94	NP	--	93.72	--
MW-20	2/2/2015	96.66	3.67	NP	--	92.99	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-20	2/9/2015	96.66	2.93	NP	--	93.73	--
MW-20	2/16/2015	96.66	3.22	NP	--	93.44	--
MW-20	2/23/2015	96.66	3.71	NP	--	92.95	--
MW-20	3/2/2015	96.66	3.61	NP	--	93.05	--
MW-20	3/9/2015	96.66	4.18	NP	--	92.48	--
MW-20	3/16/2015	96.66	3.59	NP	--	93.07	--
MW-20	3/23/2015	96.66	3.44	NP	--	93.22	--
MW-20	3/30/2015	96.66	3.59	NP	--	93.07	--
MW-20	4/6/2015	96.66	4.11	NP	--	92.55	--
MW-20	4/22/2015	96.66	4.91	NP	--	91.75	--
MW-20	5/4/2015	96.66	5.08	NP	--	91.58	--
MW-20	5/18/2015	96.66	5.41	NP	--	91.25	--
MW-20	6/1/2015	96.66	6.85	NP	--	89.81	--
MW-20	6/15/2015	96.66	6.11	NP	--	90.55	--
MW-20	6/19/2015	96.66	6.25	NP	--	90.41	--
MW-20	6/29/2015	96.66	6.51	NP	--	90.15	--
MW-20	7/13/2015	96.66	6.82	NP	--	89.84	--
MW-20	7/28/2015	96.66	7.85	NP	--	88.81	--
MW-20	8/10/2015	96.66	8.24	NP	--	88.42	--
MW-20	8/24/2015	96.66	8.61	NP	--	88.05	--
MW-20	9/8/2015	96.66	8.31	NP	--	88.35	--
MW-20	9/21/2015	96.66	8.46	NP	--	88.20	--
MW-20	10/5/2015	96.66	8.43	NP	--	88.23	--
MW-20	10/12/2015	96.66	8.44	NP	--	88.22	--
MW-20	10/19/2015	96.66	8.47	NP	--	88.19	--
MW-20	11/2/2015	96.66	7.55	NP	--	89.11	--
MW-20	11/16/2015	96.66	4.00	NP	--	92.66	--
MW-20	11/30/2015	96.66	4.92	NP	--	91.74	--
MW-20	1/18/2016	96.66	3.81	NP	--	92.85	--
MW-20	2/1/2016	96.66	2.96	NP	--	93.70	--
MW-20	2/15/2016	96.66	1.90	NP	--	94.76	--
MW-20	3/7/2016	96.66	3.49	NP	--	93.17	--
MW-20	3/29/2016	96.66	3.16	NP	--	93.50	--
MW-20	4/5/2016	96.66	--	--	--	--	NG
MW-20	4/19/2016	96.66	4.18	NP	--	92.48	--
MW-20	5/10/2016	96.66	--	--	--	--	WI
MW-20	5/24/2016	96.66	5.36	NP	--	91.30	--
MW-20	6/7/2016	96.66	5.70	NP	--	90.96	--
MW-20	6/21/2016	96.66	5.39	NP	--	91.27	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-20	7/19/2016	96.66	6.21	NP	--	90.45	--
MW-20	8/23/2016	96.66	7.76	NP	--	88.90	--
MW-20	9/20/2016	96.66	7.42	NP	--	89.24	--
MW-20	11/8/2016	96.66	4.31	NP	--	92.35	--
MW-20	12/6/2016	96.66	3.53	NP	--	93.13	--
MW-20	3/21/2017	96.66	2.83	NP	--	93.83	--
MW-20	4/27/2017	96.66	4.08	NP	--	92.58	--
MW-20	5/30/2017	96.66	4.92	NP	--	91.74	--
MW-20	6/27/2017	96.66	6.02	NP	--	90.64	--
MW-20	8/3/2017	96.66	7.62	NP	--	89.04	--
MW-20	8/31/2017	96.66	8.42	NP	--	88.24	--
MW-20	9/26/2017	96.66	8.67	NP	--	87.99	--
MW-20	11/29/2017	96.66	4.86	NP	--	91.80	--
MW-20	2/27/2018	96.66	3.26	NP	--	93.40	--
MW-20	6/12/2018	96.66	6.40	NP	--	90.26	--
MW-20	8/29/2018	96.66	8.52	NP	--	88.14	--
MW-20	11/6/2018	96.66	6.85	NP	--	89.81	--
MW-20	3/6/2019	96.66	4.83	NP	--	91.83	--
MW-20	5/28/2019	96.66	6.11	NP	--	90.55	--
MW-20	9/3/2019	96.66	8.45	NP	--	88.21	--
MW-20	11/19/2019	96.66	4.51	NP	--	92.15	--
MW-21	12/17/2013	96.96	4.32	NP	--	92.64	--
MW-21	6/24/2014	96.96	4.30	NP	--	92.66	--
MW-21	11/6/2014	96.96	2.75	NP	--	94.21	--
MW-21	11/7/2014	96.96	2.78	NP	--	94.18	--
MW-21	11/8/2014	96.96	2.76	NP	--	94.20	--
MW-21	11/8/2014	96.96	2.76	NP	--	94.20	--
MW-21	11/9/2014	96.96	3.73	NP	--	93.23	--
MW-21	11/10/2014	96.96	2.86	NP	--	94.10	--
MW-21	11/10/2014	96.96	2.84	NP	--	94.12	--
MW-21	11/10/2014	96.96	2.85	NP	--	94.11	--
MW-21	11/10/2014	96.96	2.85	NP	--	94.11	--
MW-21	11/10/2014	96.96	--	--	--	--	NG
MW-21	11/11/2014	96.96	--	--	--	--	NG
MW-21	11/11/2014	96.96	--	--	--	--	NG
MW-21	11/12/2014	96.96	3.01	NP	--	93.95	--
MW-21	11/13/2014	96.96	3.10	NP	--	93.86	--
MW-21	11/14/2014	96.96	3.24	NP	--	93.72	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-21	11/17/2014	96.96	3.51	NP	--	93.45	--
MW-21	11/18/2014	96.96	3.55	NP	--	93.41	--
MW-21	11/19/2014	96.96	3.60	NP	--	93.36	--
MW-21	12/1/2014	95.65	2.62	NP	--	93.03	--
MW-21	12/8/2014	95.65	2.78	NP	--	92.87	--
MW-21	12/15/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/22/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/29/2014	95.65	1.94	NP	--	93.71	--
MW-21	1/5/2015	95.65	1.26	NP	--	94.39	--
MW-21	1/12/2015	95.65	1.98	NP	--	93.67	--
MW-21	1/15/2015	95.65	1.98	NP	--	93.67	--
MW-21	1/19/2015	95.65	1.66	NP	--	93.99	--
MW-21	1/26/2015	95.65	1.58	NP	--	94.07	--
MW-21	2/2/2015	95.65	2.41	NP	--	93.24	--
MW-21	2/9/2015	95.65	1.57	NP	--	94.08	--
MW-21	2/16/2015	95.65	1.90	NP	--	93.75	--
MW-21	2/23/2015	95.65	2.46	NP	--	93.19	--
MW-21	3/2/2015	95.65	2.35	NP	--	93.30	--
MW-21	3/9/2015	95.65	2.95	NP	--	92.70	--
MW-21	3/16/2015	95.65	2.34	NP	--	93.31	--
MW-21	3/23/2015	95.65	2.05	NP	--	93.60	--
MW-21	3/30/2015	95.65	2.20	NP	--	93.45	--
MW-21	4/6/2015	95.65	2.86	NP	--	92.79	--
MW-21	4/22/2015	95.65	3.70	NP	--	91.95	--
MW-21	5/4/2015	95.65	3.90	NP	--	91.75	--
MW-21	5/18/2015	95.65	4.25	NP	--	91.40	--
MW-21	6/1/2015	95.65	4.78	NP	--	90.87	--
MW-21	6/15/2015	95.65	6.15	NP	--	89.50	--
MW-21	6/19/2015	95.65	5.27	NP	--	90.38	--
MW-21	6/29/2015	95.65	5.53	NP	--	90.12	--
MW-21	7/13/2015	95.65	5.83	NP	--	89.82	--
MW-21	7/28/2015	95.65	6.14	NP	--	89.51	--
MW-21	8/10/2015	95.65	6.04	NP	--	89.61	--
MW-21	8/24/2015	95.65	6.60	NP	--	89.05	--
MW-21	9/8/2015	95.65	6.05	NP	--	89.60	--
MW-21	9/21/2015	95.65	6.21	NP	--	89.44	--
MW-21	10/5/2015	95.65	6.38	NP	--	89.27	--
MW-21	10/12/2015	95.65	6.37	NP	--	89.28	--
MW-21	10/19/2015	95.65	6.46	NP	--	89.19	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-21	11/2/2015	95.65	5.62	NP	--	90.03	--
MW-21	11/16/2015	95.65	2.96	NP	--	92.69	--
MW-21	11/30/2015	95.65	3.75	NP	--	91.90	--
MW-21	1/18/2016	95.65	2.56	NP	--	93.09	--
MW-21	2/1/2016	95.65	1.73	NP	--	93.92	--
MW-21	2/15/2016	95.65	0.65	NP	--	95.00	--
MW-21	3/7/2016	95.65	2.39	NP	--	93.26	--
MW-21	3/29/2016	95.65	1.90	NP	--	93.75	--
MW-21	4/5/2016	95.65	--	--	--	--	NG
MW-21	4/19/2016	95.65	3.00	NP	--	92.65	--
MW-21	5/10/2016	95.65	--	--	--	--	WI
MW-21	5/24/2016	95.65	4.25	NP	--	91.40	--
MW-21	6/7/2016	95.65	4.56	NP	--	91.09	--
MW-21	6/21/2016	95.65	4.23	NP	--	91.42	--
MW-21	7/19/2016	95.65	5.04	NP	--	90.61	--
MW-21	8/23/2016	95.65	6.03	NP	--	89.62	--
MW-21	9/20/2016	95.65	5.43	NP	--	90.22	--
MW-21	11/8/2016	95.65	2.71	NP	--	92.94	--
MW-21	12/6/2016	95.65	2.03	NP	--	93.62	--
MW-21	3/21/2017	95.65	1.39	NP	--	94.26	--
MW-21	4/27/2017	95.65	2.87	NP	--	92.78	--
MW-21	5/30/2017	95.65	3.70	NP	--	91.95	--
MW-21	6/27/2017	95.65	4.81	NP	--	90.84	--
MW-21	8/3/2017	95.65	5.88	NP	--	89.77	--
MW-21	8/31/2017	95.65	6.50	NP	--	89.15	--
MW-21	9/26/2017	95.65	6.78	NP	--	88.87	--
MW-21	11/29/2017	95.65	3.24	NP	--	92.41	--
MW-21	2/27/2018	95.65	2.03	NP	--	93.62	--
MW-21	6/12/2018	95.65	4.70	NP	--	90.95	--
MW-21	8/29/2018	95.65	6.52	NP	--	89.13	--
MW-21	11/6/2018	95.65	4.96	NP	--	90.69	--
MW-21	3/6/2019	95.65	3.32	NP	--	92.33	--
MW-21	5/28/2019	95.65	4.93	NP	--	90.72	--
MW-21	9/3/2019	95.65	6.63	NP	--	89.02	--
MW-21	11/19/2019	95.65	3.00	NP	--	92.65	--
MW-22	12/17/2013	95.93	4.32	NP	--	91.61	--
MW-22	6/24/2014	95.93	4.65	NP	--	91.28	--
MW-22	11/7/2014	95.93	1.80	NP	--	94.13	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-22	11/8/2014	95.93	2.01	NP	--	93.92	--
MW-22	11/8/2014	95.93	--	--	--	--	NG
MW-22	11/9/2014	95.93	1.94	NP	--	93.99	--
MW-22	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/10/2014	95.93	2.30	NP	--	93.63	--
MW-22	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/11/2014	95.93	2.55	NP	--	93.38	--
MW-22	11/11/2014	95.93	2.63	NP	--	93.30	--
MW-22	11/12/2014	95.93	2.74	NP	--	93.19	--
MW-22	11/13/2014	95.93	2.89	NP	--	93.04	--
MW-22	11/14/2014	95.93	3.22	NP	--	92.71	--
MW-22	11/18/2014	95.93	3.68	NP	--	92.25	--
MW-22	11/19/2014	95.93	3.74	NP	--	92.19	--
MW-22	12/1/2014	95.35	1.60	NP	--	93.75	--
MW-22	12/8/2014	95.35	1.68	NP	--	93.67	--
MW-22	12/15/2014	95.35	1.34	NP	--	94.01	--
MW-22	12/22/2014	95.35	1.39	NP	--	93.96	--
MW-22	12/29/2014	95.35	1.23	NP	--	94.12	--
MW-22	1/5/2015	95.35	0.70	NP	--	94.65	--
MW-22	1/12/2015	95.35	0.90	NP	--	94.45	--
MW-22	1/19/2015	95.35	1.05	NP	--	94.30	--
MW-22	1/26/2015	95.35	1.03	NP	--	94.32	--
MW-22	2/2/2015	95.35	1.14	NP	--	94.21	--
MW-22	2/9/2015	95.35	1.05	NP	--	94.30	--
MW-22	2/16/2015	95.35	1.11	NP	--	94.24	--
MW-22	2/23/2015	95.35	1.34	NP	--	94.01	--
MW-22	3/2/2015	95.35	1.39	NP	--	93.96	--
MW-22	3/9/2015	95.35	1.84	NP	--	93.51	--
MW-22	3/16/2015	95.35	1.26	NP	--	94.09	--
MW-22	3/23/2015	95.35	1.26	NP	--	94.09	--
MW-22	3/30/2015	95.35	1.50	NP	--	93.85	--
MW-22	4/6/2015	95.35	2.35	NP	--	93.00	--
MW-22	4/22/2015	95.35	4.03	NP	--	91.32	--
MW-22	5/4/2015	95.35	4.25	NP	--	91.10	--
MW-22	5/18/2015	95.35	4.62	NP	--	90.73	--
MW-22	6/1/2015	95.35	5.02	NP	--	90.33	--
MW-22	6/15/2015	95.35	5.32	NP	--	90.03	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-22	6/19/2015	95.35	5.41	NP	--	89.94	--
MW-22	6/29/2015	95.35	5.60	NP	--	89.75	--
MW-22	7/13/2015	95.35	5.78	NP	--	89.57	--
MW-22	7/28/2015	95.35	5.97	NP	--	89.38	--
MW-22	8/10/2015	95.35	6.16	NP	--	89.19	--
MW-22	8/24/2015	95.35	6.39	NP	--	88.96	--
MW-22	9/8/2015	95.35	6.35	NP	--	89.00	--
MW-22	9/21/2015	95.35	6.34	NP	--	89.01	--
MW-22	10/5/2015	95.35	6.46	NP	--	88.89	--
MW-22	10/12/2015	95.35	6.50	NP	--	88.85	--
MW-22	10/19/2015	95.35	6.54	NP	--	88.81	--
MW-22	11/2/2015	95.35	--	--	--	--	WI
MW-22	11/16/2015	95.35	1.35	NP	--	94.00	--
MW-22	11/30/2015	95.35	2.56	NP	--	92.79	--
MW-22	1/18/2016	95.35	1.33	NP	--	94.02	--
MW-22	2/1/2016	95.35	0.96	NP	--	94.39	--
MW-22	2/15/2016	95.35	0.70	NP	--	94.65	--
MW-22	3/7/2016	95.35	1.33	NP	--	94.02	--
MW-22	3/29/2016	95.35	1.28	NP	--	94.07	--
MW-22	4/5/2016	95.35	--	--	--	--	NG
MW-22	4/19/2016	95.35	2.86	NP	--	92.49	--
MW-22	5/10/2016	95.35	4.30	NP	--	91.05	--
MW-22	5/24/2016	95.35	5.64	NP	--	89.71	--
MW-22	6/7/2016	95.35	4.85	NP	--	90.50	--
MW-22	6/21/2016	95.35	4.87	NP	--	90.48	--
MW-22	7/19/2016	95.35	5.35	NP	--	90.00	--
MW-22	8/23/2016	95.35	5.90	NP	--	89.45	--
MW-22	9/20/2016	95.35	5.66	NP	--	89.69	--
MW-22	11/8/2016	95.35	1.72	NP	--	93.63	--
MW-22	12/6/2016	95.35	1.51	NP	--	93.84	--
MW-22	3/21/2017	95.35	1.06	NP	--	94.29	--
MW-22	4/27/2017	95.35	2.61	NP	--	92.74	--
MW-22	5/30/2017	95.35	4.31	NP	--	91.04	--
MW-22	6/28/2017	95.35	5.15	NP	--	90.20	--
MW-22	8/3/2017	95.35	5.79	NP	--	89.56	--
MW-22	8/31/2017	95.35	6.22	NP	--	89.13	--
MW-22	9/26/2017	95.35	6.56	NP	--	88.79	--
MW-22	11/29/2017	95.35	2.91	NP	--	92.44	--
MW-22	2/27/2018	95.35	1.31	NP	--	94.04	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-22	6/12/2018	95.35	5.13	NP	--	90.22	--
MW-22	8/29/2018	95.35	6.29	NP	--	89.06	--
MW-22	11/6/2018	95.35	5.66	NP	--	89.69	--
MW-22	3/6/2019	95.35	3.50	NP	--	91.85	--
MW-22	5/28/2019	95.35	5.25	NP	--	90.10	--
MW-22	9/3/2019	95.35	6.50	NP	--	88.85	--
MW-22	11/19/2019	95.35	1.70	NP	--	93.65	--
MW-23	12/17/2013	95.62	3.14	NP	--	92.48	--
MW-23	6/24/2014	95.62	3.61	NP	--	92.01	--
MW-23	11/7/2014	95.62	--	--	--	--	NG
MW-23	11/8/2014	95.62	--	--	--	--	NG
MW-23	11/9/2014	95.62	1.22	NP	--	94.40	--
MW-23	11/10/2014	95.62	1.50	NP	--	94.12	--
MW-23	11/12/2014	95.62	1.78	NP	--	93.84	--
MW-23	11/18/2014	95.62	2.49	NP	--	93.13	--
MW-23	11/19/2014	95.62	2.51	NP	--	93.11	--
MW-23	12/1/2014	94.20	1.40	NP	--	92.80	--
MW-23	12/8/2014	94.20	1.40	NP	--	92.80	--
MW-23	12/15/2014	94.20	1.14	NP	--	93.06	--
MW-23	12/22/2014	94.20	1.13	NP	--	93.07	--
MW-23	12/29/2014	94.20	0.97	NP	--	93.23	--
MW-23	1/5/2015	94.20	0.50	NP	--	93.70	--
MW-23	1/12/2015	94.20	0.90	NP	--	93.30	--
MW-23	1/19/2015	94.20	0.80	NP	--	93.40	--
MW-23	1/26/2015	94.20	0.74	NP	--	93.46	--
MW-23	2/2/2015	94.20	1.24	NP	--	92.96	--
MW-23	2/9/2015	94.20	0.90	NP	--	93.30	--
MW-23	2/16/2015	94.20	0.90	NP	--	93.30	--
MW-23	2/23/2015	94.20	1.41	NP	--	92.79	--
MW-23	3/2/2015	94.20	1.33	NP	--	92.87	--
MW-23	3/9/2015	94.20	1.85	NP	--	92.35	--
MW-23	3/16/2015	94.20	1.05	NP	--	93.15	--
MW-23	3/23/2015	94.20	1.00	NP	--	93.20	--
MW-23	3/30/2015	94.20	1.20	NP	--	93.00	--
MW-23	4/6/2015	94.20	1.95	NP	--	92.25	--
MW-23	4/22/2015	94.20	2.79	NP	--	91.41	--
MW-23	5/4/2015	94.20	3.09	NP	--	91.11	--
MW-23	5/18/2015	94.20	3.51	NP	--	90.69	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-23	6/1/2015	94.20	4.07	NP	--	90.13	--
MW-23	6/15/2015	94.20	4.43	NP	--	89.77	--
MW-23	6/19/2015	94.20	4.55	NP	--	89.65	--
MW-23	6/29/2015	94.20	4.77	NP	--	89.43	--
MW-23	7/13/2015	94.20	5.12	NP	--	89.08	--
MW-23	7/28/2015	94.20	5.41	NP	--	88.79	--
MW-23	8/10/2015	94.20	5.63	NP	--	88.57	--
MW-23	8/24/2015	94.20	8.85	NP	--	85.35	--
MW-23	9/8/2015	94.20	4.80	NP	--	89.40	--
MW-23	9/21/2015	94.20	--	--	--	--	WI
MW-23	10/5/2015	94.20	5.28	NP	--	88.92	--
MW-23	10/12/2015	94.20	--	--	--	--	NG
MW-23	10/19/2015	94.20	5.24	NP	--	88.96	--
MW-23	11/2/2015	94.20	5.77	NP	--	88.43	--
MW-23	11/16/2015	94.20	1.24	NP	--	92.96	--
MW-23	11/30/2015	94.20	2.24	NP	--	91.96	--
MW-23	1/18/2016	94.20	1.36	NP	--	92.84	--
MW-23	2/1/2016	94.20	1.03	NP	--	93.17	--
MW-23	2/15/2016	94.20	0.50	NP	--	93.70	--
MW-23	3/7/2016	94.20	1.45	NP	--	92.75	--
MW-23	3/29/2016	94.20	1.05	NP	--	93.15	--
MW-23	4/5/2016	94.20	--	--	--	--	NG
MW-23	4/19/2016	94.20	2.15	NP	--	92.05	--
MW-23	5/10/2016	94.20	3.00	NP	--	91.20	--
MW-23	5/24/2016	94.20	3.31	NP	--	90.89	--
MW-23	6/7/2016	94.20	3.62	NP	--	90.58	--
MW-23	6/21/2016	94.20	3.07	NP	--	91.13	--
MW-23	7/19/2016	94.20	4.24	NP	--	89.96	--
MW-23	8/23/2016	94.20	5.12	NP	--	89.08	--
MW-23	9/20/2016	94.20	4.19	NP	--	90.01	--
MW-23	11/8/2016	94.20	1.40	NP	--	92.80	--
MW-23	12/6/2016	94.20	1.21	NP	--	92.99	--
MW-23	3/21/2017	94.20	0.80	NP	--	93.40	--
MW-23	4/27/2017	94.20	2.14	NP	--	92.06	--
MW-23	5/30/2017	94.20	3.07	NP	--	91.13	--
MW-23	6/28/2017	94.20	4.07	NP	--	90.13	--
MW-23	8/3/2017	94.20	5.07	NP	--	89.13	--
MW-23	8/31/2017	94.20	5.66	NP	--	88.54	--
MW-23	9/26/2017	94.20	6.91	NP	--	87.29	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-23	11/29/2017	94.20	1.56	NP	--	92.64	--
MW-23	2/27/2018	94.20	1.25	NP	--	92.95	--
MW-23	6/12/2018	94.20	3.93	NP	--	90.27	--
MW-23	8/29/2018	94.20	5.69	NP	--	88.51	--
MW-23	11/6/2018	94.20	3.16	NP	--	91.04	--
MW-23	3/6/2019	94.20	2.49	NP	--	91.71	--
MW-23	5/28/2019	94.20	4.09	NP	--	90.11	--
MW-23	9/3/2019	94.20	5.79	NP	--	88.41	--
MW-23	11/19/2019	94.20	1.35	NP	--	92.85	--
MW-24	11/17/2014	--	4.89	NP	--	--	--
MW-24	11/18/2014	--	6.55	NP	--	--	--
MW-24	11/19/2014	--	6.55	NP	--	--	--
MW-24	12/1/2014	96.50	3.75	NP	--	92.75	--
MW-24	12/8/2014	96.50	3.84	NP	--	92.66	--
MW-24	12/15/2014	96.50	2.27	NP	--	94.23	--
MW-24	12/22/2014	96.50	3.43	NP	--	93.07	--
MW-24	12/29/2014	96.50	3.14	NP	--	93.36	--
MW-24	1/5/2015	96.50	2.58	NP	--	93.92	--
MW-24	1/12/2015	96.50	2.80	NP	--	93.70	--
MW-24	1/14/2015	96.50	2.80	NP	--	93.70	--
MW-24	1/19/2015	96.50	3.22	NP	--	93.28	--
MW-24	1/26/2015	96.50	3.17	NP	--	93.33	--
MW-24	2/2/2015	96.50	3.40	NP	--	93.10	--
MW-24	2/9/2015	96.50	3.47	NP	--	93.03	--
MW-24	2/16/2015	96.50	3.36	NP	--	93.14	--
MW-24	2/23/2015	96.50	3.50	NP	--	93.00	--
MW-24	3/2/2015	96.50	3.74	NP	--	92.76	--
MW-24	3/9/2015	96.50	3.89	NP	--	92.61	--
MW-24	3/16/2015	96.50	3.66	NP	--	92.84	--
MW-24	3/23/2015	96.50	3.80	NP	--	92.70	--
MW-24	3/30/2015	96.50	3.83	NP	--	92.67	--
MW-24	4/6/2015	96.50	4.25	NP	--	92.25	--
MW-24	4/22/2015	96.50	5.10	NP	--	91.40	--
MW-24	5/4/2015	96.50	5.93	NP	--	90.57	--
MW-24	5/18/2015	96.50	5.90	NP	--	90.60	--
MW-24	6/1/2015	96.50	6.53	NP	--	89.97	--
MW-24	6/15/2015	96.50	6.86	NP	--	89.64	--
MW-24	6/19/2015	96.50	6.97	NP	--	89.53	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-24	6/29/2015	96.50	7.34	NP	--	89.16	--
MW-24	7/13/2015	96.50	7.69	NP	--	88.81	--
MW-24	7/28/2015	96.50	7.92	NP	--	88.58	--
MW-24	8/10/2015	96.50	8.22	NP	--	88.28	--
MW-24	8/24/2015	96.50	8.42	NP	--	88.08	--
MW-24	9/8/2015	96.50	7.72	NP	--	88.78	--
MW-24	9/21/2015	96.50	7.80	NP	--	88.70	--
MW-24	10/5/2015	96.50	7.98	NP	--	88.52	--
MW-24	10/12/2015	96.50	7.90	NP	--	88.60	--
MW-24	10/19/2015	96.50	8.14	NP	--	88.36	--
MW-24	11/2/2015	96.50	7.41	NP	--	89.09	--
MW-24	11/16/2015	96.50	5.67	NP	--	90.83	--
MW-24	11/30/2015	96.50	5.75	NP	--	90.75	--
MW-24	1/18/2016	96.50	3.56	NP	--	92.94	--
MW-24	2/1/2016	96.50	4.11	NP	--	92.39	--
MW-24	2/15/2016	96.50	3.82	NP	--	92.68	--
MW-24	3/7/2016	96.50	3.15	NP	--	93.35	--
MW-24	3/29/2016	96.50	3.52	3.50	0.02	93.00	--
MW-24	4/5/2016	96.50	3.28	NP	--	93.22	--
MW-24	4/19/2016	96.50	3.96	3.94	0.02	92.56	--
MW-24	5/10/2016	96.50	5.05	NP	--	91.45	--
MW-24	5/24/2016	96.50	5.44	NP	--	91.06	--
MW-24	6/7/2016	96.50	5.85	NP	--	90.65	--
MW-24	6/21/2016	96.50	5.38	NP	--	91.12	--
MW-24	7/19/2016	96.50	6.57	NP	--	89.93	--
MW-24	8/23/2016	96.50	7.61	NP	--	88.89	--
MW-24	9/20/2016	96.50	6.82	NP	--	89.68	--
MW-24	11/8/2016	96.50	4.22	NP	--	92.28	--
MW-24	12/6/2016	96.50	4.25	NP	--	92.25	--
MW-24	3/21/2017	96.50	4.12	NP	--	92.38	--
MW-24	4/27/2017	96.50	4.35	NP	--	92.15	--
MW-24	5/30/2017	96.50	4.86	NP	--	91.64	--
MW-24	6/28/2017	96.50	6.18	NP	--	90.32	--
MW-24	8/3/2017	96.50	7.38	NP	--	89.12	--
MW-24	8/31/2017	96.50	7.99	NP	--	88.51	--
MW-24	11/29/2017	96.50	4.10	NP	--	92.40	--
MW-24	2/27/2018	96.50	3.38	NP	--	93.12	--
MW-24	6/12/2018	96.50	5.92	NP	--	90.58	--
MW-24	8/29/2018	96.50	7.99	NP	--	88.51	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-24	11/6/2018	96.50	6.18	NP	--	90.32	--
MW-24	3/6/2019	96.50	3.84	NP	--	92.66	--
MW-24	5/28/2019	96.50	6.11	NP	--	90.39	--
MW-24	9/3/2019	96.50	8.18	NP	--	88.32	--
MW-24	11/19/2019	96.50	3.70	NP	--	92.80	--
MW-25	11/17/2014	--	5.54	NP	--	--	--
MW-25	11/18/2014	--	8.02	NP	--	--	--
MW-25	11/19/2014	--	8.00	NP	--	--	--
MW-25	12/1/2014	97.35	6.40	NP	--	90.95	--
MW-25	12/8/2014	97.35	6.19	NP	--	91.16	--
MW-25	12/15/2014	97.35	5.82	NP	--	91.53	--
MW-25	12/22/2014	97.35	5.62	NP	--	91.73	--
MW-25	12/29/2014	97.35	5.10	NP	--	92.25	--
MW-25	1/5/2015	97.35	4.58	NP	--	92.77	--
MW-25	1/12/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/13/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/19/2015	97.35	4.23	NP	--	93.12	--
MW-25	1/26/2015	97.35	4.03	NP	--	93.32	--
MW-25	2/2/2015	97.35	4.38	NP	--	92.97	--
MW-25	2/9/2015	97.35	4.07	NP	--	93.28	--
MW-25	2/16/2015	97.35	4.06	NP	--	93.29	--
MW-25	2/23/2015	97.35	4.47	NP	--	92.88	--
MW-25	3/2/2015	97.35	4.56	NP	--	92.79	--
MW-25	3/9/2015	97.35	5.94	NP	--	91.41	--
MW-25	3/16/2015	97.35	4.90	NP	--	92.45	--
MW-25	3/23/2015	97.35	4.71	NP	--	92.64	--
MW-25	3/30/2015	97.35	4.68	NP	--	92.67	--
MW-25	4/6/2015	97.35	5.09	NP	--	92.26	--
MW-25	4/22/2015	97.35	5.63	NP	--	91.72	--
MW-25	5/4/2015	97.35	5.82	NP	--	91.53	--
MW-25	5/18/2015	97.35	6.14	NP	--	91.21	--
MW-25	6/1/2015	97.35	6.46	NP	--	90.89	--
MW-25	6/15/2015	97.35	6.85	NP	--	90.50	--
MW-25	6/19/2015	97.35	6.91	NP	--	90.44	--
MW-25	6/29/2015	97.35	7.17	NP	--	90.18	--
MW-25	7/13/2015	97.35	7.53	NP	--	89.82	--
MW-25	7/28/2015	97.35	8.09	NP	--	89.26	--
MW-25	8/10/2015	97.35	8.68	NP	--	88.67	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-25	8/24/2015	97.35	8.89	NP	--	88.46	--
MW-25	9/8/2015	97.35	8.73	NP	--	88.62	--
MW-25	9/21/2015	97.35	8.72	NP	--	88.63	--
MW-25	10/5/2015	97.35	--	--	--	--	NG
MW-25	10/12/2015	97.35	--	--	--	--	NG
MW-25	10/19/2015	97.35	8.83	NP	--	88.52	--
MW-25	11/2/2015	97.35	8.43	NP	--	88.92	--
MW-25	11/16/2015	97.35	7.65	NP	--	89.70	--
MW-25	11/30/2015	97.35	--	--	--	--	NG
MW-25	1/18/2016	97.35	4.92	NP	--	92.43	--
MW-25	2/1/2016	97.35	--	--	--	--	WI
MW-25	2/15/2016	97.35	--	--	--	--	NG
MW-25	3/7/2016	97.35	4.18	NP	--	93.17	--
MW-25	3/29/2016	97.35	4.14	NP	--	93.21	--
MW-25	4/5/2016	97.35	--	--	--	--	NG
MW-25	4/19/2016	97.35	4.85	NP	--	92.50	--
MW-25	5/10/2016	97.35	5.48	NP	--	91.87	--
MW-25	5/24/2016	97.35	5.82	NP	--	91.53	--
MW-25	6/7/2016	97.35	6.10	NP	--	91.25	--
MW-25	6/21/2016	97.35	6.25	NP	--	91.10	--
MW-25	7/19/2016	97.35	6.70	NP	--	90.65	--
MW-25	8/23/2016	97.35	7.53	NP	--	89.82	--
MW-25	9/20/2016	97.35	7.68	NP	--	89.67	--
MW-25	11/8/2016	97.35	7.10	NP	--	90.25	--
MW-25	12/6/2016	97.35	6.21	NP	--	91.14	--
MW-25	3/21/2017	97.35	3.98	NP	--	93.37	--
MW-25	4/27/2017	97.35	4.89	NP	--	92.46	--
MW-25	5/30/2017	97.35	5.63	NP	--	91.72	--
MW-25	6/27/2017	97.35	6.36	NP	--	90.99	--
MW-25	8/3/2017	97.35	7.27	NP	--	90.08	--
MW-25	8/31/2017	97.35	8.16	NP	--	89.19	--
MW-25	9/26/2017	97.35	8.42	NP	--	88.93	--
MW-25	11/29/2017	97.35	7.51	NP	--	89.84	--
MW-25	2/27/2018	97.35	3.96	NP	--	93.39	--
MW-25	6/12/2018	97.35	6.12	NP	--	91.23	--
MW-25	8/29/2018	97.35	8.10	NP	--	89.25	--
MW-25	11/6/2018	97.35	8.16	NP	--	89.19	--
MW-25	3/6/2019	97.35	6.25	NP	--	91.10	--
MW-25	5/28/2019	97.35	6.78	NP	--	90.57	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-25	9/3/2019	97.35	8.42	NP	--	88.93	--
MW-25	11/19/2019	97.35	7.25	NP	--	90.10	--
MW-27	11/17/2014	--	7.00	NP	--	--	--
MW-27	11/18/2014	--	7.14	NP	--	--	--
MW-27	11/19/2014	--	7.14	NP	--	--	--
MW-27	12/1/2014	96.56	3.43	NP	--	93.13	--
MW-27	12/8/2014	96.56	3.53	NP	--	93.03	--
MW-27	12/15/2014	96.56	3.21	NP	--	93.35	--
MW-27	12/22/2014	96.56	3.16	NP	--	93.40	--
MW-27	12/29/2014	96.56	3.07	NP	--	93.49	--
MW-27	1/5/2015	96.56	2.69	NP	--	93.87	--
MW-27	1/12/2015	96.56	2.74	NP	--	93.82	--
MW-27	1/13/2015	96.56	2.74	NP	--	93.82	--
MW-27	1/19/2015	96.56	2.80	NP	--	93.76	--
MW-27	1/26/2015	96.56	2.47	NP	--	94.09	--
MW-27	2/2/2015	96.56	2.88	NP	--	93.68	--
MW-27	2/9/2015	96.56	2.78	NP	--	93.78	--
MW-27	2/16/2015	96.56	2.70	NP	--	93.86	--
MW-27	2/23/2015	96.56	2.80	NP	--	93.76	--
MW-27	3/2/2015	96.56	3.00	NP	--	93.56	--
MW-27	3/9/2015	96.56	3.11	NP	--	93.45	--
MW-27	3/16/2015	96.56	3.20	NP	--	93.36	--
MW-27	3/23/2015	96.56	3.13	NP	--	93.43	--
MW-27	3/30/2015	96.56	3.14	NP	--	93.42	--
MW-27	4/6/2015	96.56	3.61	NP	--	92.95	--
MW-27	4/22/2015	96.56	4.44	NP	--	92.12	--
MW-27	5/4/2015	96.56	4.79	NP	--	91.77	--
MW-27	5/18/2015	96.56	5.35	NP	--	91.21	--
MW-27	6/1/2015	96.56	6.04	NP	--	90.52	--
MW-27	6/15/2015	96.56	6.43	NP	--	90.13	--
MW-27	6/19/2015	96.56	6.39	NP	--	90.17	--
MW-27	6/29/2015	96.56	6.87	NP	--	89.69	--
MW-27	7/13/2015	96.56	7.29	NP	--	89.27	--
MW-27	7/28/2015	96.56	7.66	NP	--	88.90	--
MW-27	8/10/2015	96.56	7.98	NP	--	88.58	--
MW-27	8/24/2015	96.56	--	--	--	--	NG
MW-27	9/8/2015	96.56	6.97	NP	--	89.59	--
MW-27	9/21/2015	96.56	7.19	NP	--	89.37	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-27	10/5/2015	96.56	7.62	NP	--	88.94	--
MW-27	10/12/2015	96.56	7.32	NP	--	89.24	--
MW-27	10/19/2015	96.56	7.60	NP	--	88.96	--
MW-27	11/2/2015	96.56	6.74	NP	--	89.82	--
MW-27	11/16/2015	96.56	5.06	NP	--	91.50	--
MW-27	11/30/2015	96.56	5.02	NP	--	91.54	--
MW-27	1/18/2016	96.56	3.26	NP	--	93.30	--
MW-27	2/1/2016	96.56	3.01	NP	--	93.55	--
MW-27	2/15/2016	96.56	2.23	NP	--	94.33	--
MW-27	3/7/2016	96.56	2.54	NP	--	94.02	--
MW-27	3/29/2016	96.56	2.57	NP	--	93.99	--
MW-27	4/5/2016	96.56	3.04	NP	--	93.52	--
MW-27	4/19/2016	96.56	3.32	3.30	0.02	93.26	--
MW-27	5/10/2016	96.56	4.63	NP	--	91.93	--
MW-27	5/24/2016	96.56	5.07	NP	--	91.49	--
MW-27	6/7/2016	96.56	5.49	NP	--	91.07	--
MW-27	6/21/2016	96.56	5.23	NP	--	91.33	--
MW-27	7/19/2016	96.56	6.29	NP	--	90.27	--
MW-27	8/23/2016	96.56	--	--	--	--	NG
MW-27	9/20/2016	96.56	--	--	--	--	NG
MW-27	11/8/2016	96.56	--	--	--	--	NG
MW-27	12/6/2016	96.56	--	--	--	--	NG
MW-27	3/21/2017	96.56	3.35	NP	--	93.21	--
MW-27	4/27/2017	96.56	3.79	NP	--	92.77	--
MW-27	5/30/2017	96.56	4.46	NP	--	92.10	--
MW-27	6/28/2017	96.56	5.80	NP	--	90.76	--
MW-27	8/3/2017	96.56	7.05	NP	--	89.51	--
MW-27	8/31/2017	96.56	7.80	NP	--	88.76	--
MW-27	9/26/2017	96.56	8.06	NP	--	88.50	--
MW-27	11/29/2017	96.56	--	--	--	--	WI
MW-27	2/27/2018	96.56	3.32	NP	--	93.24	--
MW-27	6/12/2018	96.56	5.58	NP	--	90.98	--
MW-27	8/29/2018	96.56	7.91	7.90	0.01	88.66	--
MW-27	9/21/2018	96.56	7.90	NP	--	88.66	--
MW-27	11/6/2018	96.56	6.23	NP	--	90.33	--
MW-27	11/28/2018	96.56	5.61	NP	--	90.95	--
MW-27	3/6/2019	96.56	4.17	NP	--	92.39	--
MW-27	5/28/2019	96.56	8.65	NP	--	87.91	--
MW-27	9/3/2019	96.56	8.45	NP	--	88.11	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-27	11/19/2019	96.56	3.90	NP	--	92.66	--
MW-28	11/17/2014	--	7.71	NP	--	--	--
MW-28	11/18/2014	--	8.10	NP	--	--	--
MW-28	11/19/2014	--	8.03	NP	--	--	--
MW-28	12/1/2014	96.77	5.05	NP	--	91.72	--
MW-28	12/8/2014	96.77	5.14	NP	--	91.63	--
MW-28	12/15/2014	96.77	4.62	NP	--	92.15	--
MW-28	12/22/2014	96.77	4.70	NP	--	92.07	--
MW-28	12/29/2014	96.77	4.29	NP	--	92.48	--
MW-28	1/5/2015	96.77	3.18	NP	--	93.59	--
MW-28	1/12/2015	96.77	4.02	NP	--	92.75	--
MW-28	1/13/2015	96.77	4.02	NP	--	92.75	--
MW-28	1/19/2015	96.77	4.00	NP	--	92.77	--
MW-28	1/26/2015	96.77	3.91	NP	--	92.86	--
MW-28	2/2/2015	96.77	4.54	NP	--	92.23	--
MW-28	2/9/2015	96.77	3.76	NP	--	93.01	--
MW-28	2/16/2015	96.77	3.96	NP	--	92.81	--
MW-28	3/2/2015	96.77	4.51	NP	--	92.26	--
MW-28	3/9/2015	96.77	4.97	NP	--	91.80	--
MW-28	3/16/2015	96.77	4.60	NP	--	92.17	--
MW-28	3/23/2015	96.77	4.40	NP	--	92.37	--
MW-28	3/30/2015	96.77	4.48	NP	--	92.29	--
MW-28	4/6/2015	96.77	5.00	NP	--	91.77	--
MW-28	4/22/2015	96.77	5.79	NP	--	90.98	--
MW-28	5/4/2015	96.77	6.24	NP	--	90.53	--
MW-28	5/18/2015	96.77	6.65	NP	--	90.12	--
MW-28	6/1/2015	96.77	7.10	NP	--	89.67	--
MW-28	6/15/2015	96.77	7.37	NP	--	89.40	--
MW-28	6/19/2015	96.77	7.38	NP	--	89.39	--
MW-28	7/13/2015	96.77	8.14	NP	--	88.63	--
MW-28	7/28/2015	96.77	8.34	NP	--	88.43	--
MW-28	8/10/2015	96.77	8.69	NP	--	88.08	--
MW-28	8/24/2015	96.77	3.88	NP	--	92.89	--
MW-28	9/8/2015	96.77	8.36	NP	--	88.41	--
MW-28	9/21/2015	96.77	8.31	NP	--	88.46	--
MW-28	10/5/2015	96.77	8.51	NP	--	88.26	--
MW-28	10/12/2015	96.77	--	--	--	--	WI
MW-28	10/19/2015	96.77	8.53	NP	--	88.24	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-28	11/2/2015	96.77	8.18	NP	--	88.59	--
MW-28	11/16/2015	96.77	--	--	--	--	WI
MW-28	11/30/2015	96.77	--	--	--	--	WI
MW-28	1/18/2016	96.77	4.19	4.15	0.04	92.61	NS
MW-28	2/1/2016	96.77	3.51	3.50	0.01	93.27	--
MW-28	2/15/2016	96.77	2.92	NP	--	93.85	--
MW-28	3/7/2016	96.77	3.50	3.41	0.09	93.34	--
MW-28	3/29/2016	96.77	3.65	3.56	0.09	93.19	--
MW-28	4/5/2016	96.77	3.70	NP	--	93.07	--
MW-28	4/19/2016	96.77	4.43	4.42	0.01	92.35	--
MW-28	5/10/2016	96.77	5.41	5.40	0.01	91.37	--
MW-28	5/24/2016	96.77	5.82	NP	--	90.95	--
MW-28	6/7/2016	96.77	6.25	NP	--	90.52	--
MW-28	6/21/2016	96.77	5.92	NP	--	90.85	--
MW-28	7/19/2016	96.77	7.02	NP	--	89.75	--
MW-28	8/23/2016	96.77	--	--	--	--	WI
MW-28	9/20/2016	96.77	7.37	NP	--	89.40	--
MW-28	11/8/2016	96.77	5.07	NP	--	91.70	--
MW-28	12/6/2016	96.77	4.27	4.16	0.11	92.58	--
MW-28	3/21/2017	96.77	2.94	2.86	0.08	93.89	--
MW-28	4/27/2017	96.77	4.35	4.34	0.01	92.43	--
MW-28	5/30/2017	96.77	5.54	5.49	0.05	91.27	--
MW-28	6/28/2017	96.77	6.65	6.52	0.13	90.22	--
MW-28	8/3/2017	96.77	--	--	--	--	--
MW-28	8/31/2017	96.77	--	--	--	--	--
MW-28	9/26/2017	96.77	--	--	--	--	--
MW-28	11/29/2017	96.77	5.37	NP	--	91.40	--
MW-28	2/27/2018	96.77	3.49	NP	--	93.28	--
MW-28	6/12/2018	96.77	6.32	6.26	0.06	90.49	--
MW-28	8/29/2018	96.77	8.59	8.38	0.21	88.34	--
MW-28	9/21/2018	96.77	8.70	8.60	0.10	88.14	--
MW-28	11/6/2018	96.77	7.35	NP	--	89.42	--
MW-28	11/28/2018	96.77	6.80	NP	--	89.97	--
MW-28	3/6/2019	96.77	5.25	NP	--	91.52	--
MW-28	5/28/2019	96.77	7.60	NP	--	89.17	--
MW-28	9/3/2019	96.77	8.93	NP	--	87.84	--
MW-28	11/19/2019	96.77	5.11	NP	--	91.66	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-29	11/17/2014	--	5.55	NP	--	--	--
MW-29	11/18/2014	--	5.86	NP	--	--	--
MW-29	11/19/2014	--	5.85	NP	--	--	--
MW-29	12/1/2014	97.98	4.07	NP	--	93.91	--
MW-29	12/8/2014	97.98	4.20	NP	--	93.78	--
MW-29	12/15/2014	97.98	3.63	NP	--	94.35	--
MW-29	12/22/2014	97.98	3.75	NP	--	94.23	--
MW-29	12/29/2014	97.98	3.40	NP	--	94.58	--
MW-29	1/5/2015	97.98	2.19	NP	--	95.79	--
MW-29	1/12/2015	97.98	3.56	NP	--	94.42	--
MW-29	1/14/2015	97.98	3.56	NP	--	94.42	--
MW-29	1/19/2015	97.98	3.01	NP	--	94.97	--
MW-29	1/26/2015	97.98	3.20	NP	--	94.78	--
MW-29	2/2/2015	97.98	3.95	NP	--	94.03	--
MW-29	2/9/2015	97.98	3.07	NP	--	94.91	--
MW-29	2/16/2015	97.98	3.47	NP	--	94.51	--
MW-29	2/23/2015	97.98	4.01	NP	--	93.97	--
MW-29	3/2/2015	97.98	3.89	NP	--	94.09	--
MW-29	3/9/2015	97.98	4.54	NP	--	93.44	--
MW-29	3/16/2015	97.98	3.56	NP	--	94.42	--
MW-29	3/23/2015	97.98	3.50	NP	--	94.48	--
MW-29	3/30/2015	97.98	3.72	NP	--	94.26	--
MW-29	4/6/2015	97.98	4.58	NP	--	93.40	--
MW-29	4/22/2015	97.98	5.78	NP	--	92.20	--
MW-29	5/4/2015	97.98	6.00	NP	--	91.98	--
MW-29	5/18/2015	97.98	6.50	NP	--	91.48	--
MW-29	6/1/2015	97.98	7.20	NP	--	90.78	--
MW-29	6/15/2015	97.98	7.64	NP	--	90.34	--
MW-29	6/19/2015	97.98	7.81	NP	--	90.17	--
MW-29	6/29/2015	97.98	8.10	NP	--	89.88	--
MW-29	7/13/2015	97.98	8.45	NP	--	89.53	--
MW-29	7/28/2015	97.98	8.77	NP	--	89.21	--
MW-29	8/10/2015	97.98	9.04	NP	--	88.94	--
MW-29	8/24/2015	97.98	9.31	NP	--	88.67	--
MW-29	9/8/2015	97.98	8.60	NP	--	89.38	--
MW-29	9/21/2015	97.98	8.57	NP	--	89.41	--
MW-29	10/5/2015	97.98	8.81	NP	--	89.17	--
MW-29	10/12/2015	97.98	8.97	NP	--	89.01	--
MW-29	10/19/2015	97.98	9.24	NP	--	88.74	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-29	11/2/2015	97.98	8.68	NP	--	89.30	--
MW-29	11/16/2015	97.98	6.62	NP	--	91.36	--
MW-29	11/30/2015	97.98	6.97	NP	--	91.01	--
MW-29	1/18/2016	97.98	2.45	NP	--	95.53	--
MW-29	2/1/2016	96.56	1.80	NP	--	94.76	--
MW-29	2/15/2016	96.56	0.48	NP	--	96.08	--
MW-29	3/7/2016	96.56	2.43	NP	--	94.13	--
MW-29	3/29/2016	96.56	2.02	NP	--	94.54	--
MW-29	4/5/2016	96.56	2.21	NP	--	94.35	--
MW-29	4/19/2016	96.56	3.30	NP	--	93.26	--
MW-29	5/10/2016	96.56	4.54	NP	--	92.02	--
MW-29	5/24/2016	96.56	4.93	NP	--	91.63	--
MW-29	6/7/2016	96.56	5.31	NP	--	91.25	--
MW-29	6/21/2016	96.56	4.85	NP	--	91.71	--
MW-29	7/19/2016	96.56	6.04	NP	--	90.52	--
MW-29	8/23/2016	96.56	7.01	NP	--	89.55	--
MW-29	9/20/2016	96.56	6.28	NP	--	90.28	--
MW-29	11/8/2016	96.56	2.57	NP	--	93.99	--
MW-29	12/6/2016	96.56	2.10	NP	--	94.46	--
MW-29	3/21/2017	96.56	1.43	NP	--	95.13	--
MW-29	4/27/2017	96.56	3.05	NP	--	93.51	--
MW-29	5/30/2017	96.56	--	--	--	--	WI
MW-29	6/28/2017	96.56	5.66	NP	--	90.90	--
MW-29	8/3/2017	96.56	6.85	NP	--	89.71	--
MW-29	8/31/2017	96.56	7.52	NP	--	89.04	--
MW-29	9/26/2017	96.56	7.87	NP	--	88.69	--
MW-29	11/29/2017	96.56	2.82	NP	--	93.74	--
MW-29	2/27/2018	96.56	2.07	NP	--	94.49	--
MW-29	6/12/2018	96.56	5.60	NP	--	90.96	--
MW-29	8/29/2018	96.56	7.61	NP	--	88.95	--
MW-29	11/6/2018	96.56	6.03	NP	--	90.53	--
MW-29	3/6/2019	96.56	3.55	NP	--	93.01	--
MW-29	5/28/2019	96.56	5.80	NP	--	90.76	--
MW-29	9/3/2019	96.56	7.80	NP	--	88.76	--
MW-29	11/19/2019	96.56	2.70	NP	--	93.86	--
MW-31	12/15/2014	96.53	1.52	NP	--	95.01	--
MW-31	12/22/2014	96.53	2.20	NP	--	94.33	--
MW-31	12/29/2014	96.53	1.85	NP	--	94.68	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-31	1/5/2015	96.53	0.68	NP	--	95.85	--
MW-31	1/12/2015	96.53	1.82	NP	--	94.71	--
MW-31	1/19/2015	96.53	1.60	NP	--	94.93	--
MW-31	1/26/2015	96.53	1.64	NP	--	94.89	--
MW-31	2/2/2015	96.53	2.20	NP	--	94.33	--
MW-31	2/9/2015	96.53	1.75	NP	--	94.78	--
MW-31	2/16/2015	96.53	1.85	NP	--	94.68	--
MW-31	2/23/2015	96.53	2.40	NP	--	94.13	--
MW-31	3/2/2015	96.53	2.39	NP	--	94.14	--
MW-31	3/9/2015	96.53	2.90	NP	--	93.63	--
MW-31	3/16/2015	96.53	2.20	NP	--	94.33	--
MW-31	3/23/2015	96.53	1.97	NP	--	94.56	--
MW-31	3/30/2015	96.53	2.19	NP	--	94.34	--
MW-31	4/6/2015	96.53	2.93	NP	--	93.60	--
MW-31	4/22/2015	96.53	4.21	NP	--	92.32	--
MW-31	5/4/2015	96.53	4.33	NP	--	92.20	--
MW-31	5/18/2015	96.53	4.89	NP	--	91.64	--
MW-31	6/1/2015	96.53	5.57	NP	--	90.96	--
MW-31	6/15/2015	96.53	5.99	NP	--	90.54	--
MW-31	6/19/2015	96.53	6.15	NP	--	90.38	--
MW-31	6/29/2015	96.53	6.42	NP	--	90.11	--
MW-31	7/13/2015	96.53	6.77	NP	--	89.76	--
MW-31	7/28/2015	96.53	7.08	NP	--	89.45	--
MW-31	8/10/2015	96.53	7.34	NP	--	89.19	--
MW-31	8/24/2015	96.53	7.60	NP	--	88.93	--
MW-31	9/8/2015	96.53	7.05	NP	--	89.48	--
MW-31	9/21/2015	96.53	6.93	NP	--	89.60	--
MW-31	10/5/2015	96.53	--	--	--	--	NG
MW-31	10/12/2015	96.53	7.13	NP	--	89.40	--
MW-31	10/19/2015	96.53	7.26	NP	--	89.27	--
MW-31	11/2/2015	96.53	6.97	NP	--	89.56	--
MW-31	11/16/2015	96.53	4.61	NP	--	91.92	--
MW-31	11/30/2015	96.53	4.92	NP	--	91.61	--
MW-31	1/18/2016	96.53	2.45	NP	--	94.08	--
MW-31	2/1/2016	96.53	2.02	NP	--	94.51	--
MW-31	2/15/2016	96.53	0.63	NP	--	95.90	--
MW-31	3/7/2016	96.53	2.51	NP	--	94.02	--
MW-31	3/29/2016	96.53	2.05	NP	--	94.48	--
MW-31	4/5/2016	96.53	2.37	NP	--	94.16	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-31	4/19/2016	96.53	3.21	NP	--	93.32	--
MW-31	5/10/2016	96.53	4.35	NP	--	92.18	--
MW-31	5/24/2016	96.53	4.78	NP	--	91.75	--
MW-31	6/7/2016	96.53	5.13	NP	--	91.40	--
MW-31	6/21/2016	96.53	4.70	NP	--	91.83	--
MW-31	7/19/2016	96.53	5.83	NP	--	90.70	--
MW-31	8/23/2016	96.53	6.76	NP	--	89.77	--
MW-31	9/20/2016	96.53	6.10	NP	--	90.43	--
MW-31	11/8/2016	96.53	2.56	NP	--	93.97	--
MW-31	12/6/2016	96.53	2.04	NP	--	94.49	--
MW-31	3/21/2017	96.53	1.45	NP	--	95.08	--
MW-31	4/27/2017	96.53	2.95	NP	--	93.58	--
MW-31	5/30/2017	96.53	4.17	NP	--	92.36	--
MW-31	6/28/2017	96.53	5.48	NP	--	91.05	--
MW-31	8/3/2017	96.53	6.63	NP	--	89.90	--
MW-31	8/31/2017	96.53	7.25	NP	--	89.28	--
MW-31	9/26/2017	96.53	7.60	NP	--	88.93	--
MW-31	11/29/2017	96.53	3.12	NP	--	93.41	--
MW-31	2/27/2018	96.53	2.05	NP	--	94.48	--
MW-31	6/12/2018	96.53	5.39	NP	--	91.14	--
MW-31	8/29/2018	96.53	7.29	NP	--	89.24	--
MW-31	11/6/2018	96.53	6.45	NP	--	90.08	--
MW-31	3/6/2019	96.53	3.39	NP	--	93.14	--
MW-31	5/28/2019	96.53	5.60	NP	--	90.93	--
MW-31	9/3/2019	96.53	7.44	NP	--	89.09	--
MW-31	11/19/2019	96.53	3.10	NP	--	93.43	--
MW-32	11/17/2014	--	7.20	NP	--	--	--
MW-32	11/18/2014	--	7.38	NP	--	--	--
MW-32	11/19/2014	--	7.23	NP	--	--	--
MW-32	12/1/2014	97.17	5.03	NP	--	92.14	--
MW-32	12/8/2014	97.17	4.99	NP	--	92.18	--
MW-32	12/15/2014	97.17	4.62	NP	--	92.55	--
MW-32	12/22/2014	97.17	4.52	NP	--	92.65	--
MW-32	12/29/2014	97.17	4.17	NP	--	93.00	--
MW-32	1/5/2015	97.17	3.85	NP	--	93.32	--
MW-32	1/12/2015	97.17	3.78	NP	--	93.39	--
MW-32	1/13/2015	97.17	3.78	NP	--	93.39	--
MW-32	1/19/2015	97.17	3.82	NP	--	93.35	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-32	1/26/2015	97.17	3.62	NP	--	93.55	--
MW-32	2/2/2015	97.17	4.04	NP	--	93.13	--
MW-32	2/9/2015	97.17	3.66	NP	--	93.51	--
MW-32	2/16/2015	97.17	3.59	NP	--	93.58	--
MW-32	2/23/2015	97.17	3.93	NP	--	93.24	--
MW-32	3/2/2015	97.17	4.12	NP	--	93.05	--
MW-32	3/9/2015	97.17	4.57	NP	--	92.60	--
MW-32	3/16/2015	97.17	4.45	NP	--	92.72	--
MW-32	3/23/2015	97.17	4.21	NP	--	92.96	--
MW-32	3/30/2015	97.17	4.19	NP	--	92.98	--
MW-32	4/6/2015	97.17	4.70	NP	--	92.47	--
MW-32	4/22/2015	97.17	5.45	NP	--	91.72	--
MW-32	5/4/2015	97.17	5.73	NP	--	91.44	--
MW-32	5/18/2015	97.17	6.14	NP	--	91.03	--
MW-32	6/1/2015	97.17	6.61	NP	--	90.56	--
MW-32	6/15/2015	97.17	6.96	NP	--	90.21	--
MW-32	6/19/2015	97.17	7.04	NP	--	90.13	--
MW-32	6/29/2015	97.17	7.36	NP	--	89.81	--
MW-32	7/13/2015	97.17	7.82	NP	--	89.35	--
MW-32	7/28/2015	97.17	8.20	NP	--	88.97	--
MW-32	8/10/2015	97.17	8.51	NP	--	88.66	--
MW-32	8/24/2015	97.17	8.77	NP	--	88.40	--
MW-32	9/8/2015	97.17	8.28	NP	--	88.89	--
MW-32	9/21/2015	97.17	8.31	NP	--	88.86	--
MW-32	10/5/2015	97.17	8.48	NP	--	88.69	--
MW-32	10/12/2015	97.17	--	--	--	--	NG
MW-32	10/19/2015	97.17	--	--	--	--	NG
MW-32	11/2/2015	97.17	--	--	--	--	NG
MW-32	11/16/2015	97.17	--	--	--	--	WI
MW-32	11/30/2015	97.17	--	--	--	--	NG
MW-32	1/18/2016	97.17	--	--	--	--	WI
MW-32	2/1/2016	97.17	--	--	--	--	WI
MW-32	2/15/2016	97.17	--	--	--	--	NG
MW-32	3/7/2016	97.17	--	--	--	--	WI
MW-32	3/29/2016	97.17	--	--	--	--	WI
MW-32	4/5/2016	97.17	4.02	NP	--	93.15	--
MW-32	4/19/2016	97.17	4.50	NP	--	92.67	--
MW-32	5/10/2016	97.17	5.15	NP	--	92.02	--
MW-32	5/24/2016	97.17	5.82	NP	--	91.35	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-32	6/7/2016	97.17	6.15	NP	--	91.02	--
MW-32	6/21/2016	97.17	6.16	NP	--	91.01	--
MW-32	7/19/2016	97.17	6.87	NP	--	90.30	--
MW-32	8/23/2016	97.17	7.85	NP	--	89.32	--
MW-32	9/20/2016	97.17	7.50	NP	--	89.67	--
MW-32	11/8/2016	97.17	5.80	NP	--	91.37	--
MW-32	12/6/2016	97.17	4.60	NP	--	92.57	--
MW-32	3/21/2017	97.17	3.50	NP	--	93.67	--
MW-32	4/27/2017	97.17	4.48	NP	--	92.69	--
MW-32	5/30/2017	97.17	5.41	NP	--	91.76	--
MW-32	6/27/2017	97.17	6.48	NP	--	90.69	--
MW-32	8/3/2017	97.17	7.57	NP	--	89.60	--
MW-32	8/31/2017	97.17	8.36	NP	--	88.81	--
MW-32	9/26/2017	97.17	8.64	NP	--	88.53	--
MW-32	11/29/2017	97.17	6.02	NP	--	91.15	--
MW-32	2/27/2018	97.17	3.46	NP	--	93.71	--
MW-32	6/12/2018	97.17	6.23	NP	--	90.94	--
MW-32	8/29/2018	97.17	8.36	NP	--	88.81	--
MW-32	11/6/2018	97.17	7.48	NP	--	89.69	--
MW-32	3/6/2019	97.17	5.22	NP	--	91.95	--
MW-32	5/28/2019	97.17	6.50	NP	--	90.67	--
MW-32	9/3/2019	97.17	8.68	NP	--	88.49	--
MW-32	11/19/2019	97.17	6.00	NP	--	91.17	--
MW-34	11/17/2014	--	8.91	NP	--	--	--
MW-34	11/18/2014	--	9.16	8.74	0.42	--	--
MW-34	11/19/2014	--	9.10	8.79	0.31	--	--
MW-34	12/1/2014	97.59	7.47	6.14	1.33	91.12	--
MW-34	12/8/2014	97.59	7.37	6.27	1.10	91.04	--
MW-34	12/15/2014	97.59	7.32	5.70	1.62	91.48	--
MW-34	12/22/2014	97.59	7.53	5.79	1.74	91.36	--
MW-34	12/29/2014	97.59	6.65	5.50	1.15	91.80	--
MW-34	1/5/2015	97.59	5.71	4.90	0.81	92.49	--
MW-34	1/12/2015	97.59	6.22	5.16	1.06	92.17	--
MW-34	1/13/2015	97.59	6.17	5.32	0.85	92.06	--
MW-34	1/14/2015	97.59	5.99	5.48	0.51	91.98	--
MW-34	1/19/2015	97.59	5.64	5.44	0.20	92.10	--
MW-34	1/26/2015	97.59	5.40	5.10	0.30	92.41	--
MW-34	2/2/2015	97.59	6.02	5.86	0.16	91.69	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-34	2/9/2015	97.59	5.35	5.21	0.14	92.35	--
MW-34	2/16/2015	97.59	5.50	5.37	0.13	92.19	--
MW-34	2/23/2015	97.59	6.05	5.98	0.07	91.59	--
MW-34	3/2/2015	97.59	6.14	6.05	0.09	91.52	--
MW-34	3/9/2015	97.59	6.72	6.38	0.34	91.13	--
MW-34	3/16/2015	97.59	6.56	6.18	0.38	91.31	--
MW-34	3/23/2015	97.59	6.62	5.93	0.69	91.49	--
MW-34	3/30/2015	97.59	6.75	6.00	0.75	91.40	--
MW-34	4/6/2015	97.59	6.96	6.47	0.49	91.00	--
MW-34	4/7/2015	97.59	6.88	6.59	0.29	90.93	--
MW-34	4/22/2015	97.59	7.87	6.98	0.89	90.39	--
MW-34	5/4/2015	97.59	9.31	6.99	2.32	90.02	--
MW-34	5/18/2015	97.59	10.05	8.64	1.41	88.60	--
MW-34	6/1/2015	97.59	10.78	9.25	1.53	87.96	--
MW-34	6/15/2015	97.59	9.56	7.92	1.64	89.26	--
MW-34	6/19/2015	97.59	9.12	9.08	0.04	88.50	--
MW-34	6/29/2015	97.59	9.77	9.57	0.20	87.97	--
MW-34	7/13/2015	97.59	10.30	9.93	0.37	87.57	--
MW-34	7/28/2015	97.59	10.85	10.03	0.82	87.35	--
MW-34	8/10/2015	97.59	11.62	10.37	1.25	86.91	--
MW-34	8/24/2015	97.59	11.54	10.49	1.05	86.84	--
MW-34	9/8/2015	97.59	11.62	10.42	1.20	86.87	--
MW-34	9/21/2015	97.59	9.09	9.08	0.01	88.51	--
MW-34	10/5/2015	97.59	--	--	--	--	WI
MW-34	10/12/2015	97.59	10.87	8.91	1.96	88.19	--
MW-34	10/19/2015	97.59	10.86	8.90	1.96	88.20	--
MW-34	11/2/2015	97.59	10.57	8.50	2.07	88.57	--
MW-34	11/16/2015	97.59	10.35	8.22	2.13	88.84	--
MW-34	11/30/2015	97.59	8.96	6.89	2.07	90.18	--
MW-34	1/18/2016	97.59	6.66	5.66	1.00	91.68	NS
MW-34	2/1/2016	97.59	5.00	4.77	0.23	92.76	--
MW-34	2/15/2016	97.59	3.58	3.56	0.02	94.03	--
MW-34	3/7/2016	97.59	6.26	NP	--	91.33	--
MW-34	3/29/2016	97.59	4.95	4.93	0.02	92.66	--
MW-34	4/5/2016	97.59	5.36	NP	--	92.23	--
MW-34	4/19/2016	97.59	6.15	6.08	0.07	91.49	--
MW-34	5/10/2016	97.59	6.86	6.74	0.12	90.82	--
MW-34	5/24/2016	97.59	7.48	7.32	0.16	90.23	--
MW-34	6/7/2016	97.59	7.44	7.37	0.07	90.20	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-34	6/21/2016	97.59	7.23	7.21	0.02	90.37	--
MW-34	7/19/2016	97.59	8.05	8.01	0.04	89.57	--
MW-34	8/23/2016	97.59	--	--	--	--	NG
MW-34	9/20/2016	97.59	--	--	--	--	WI
MW-34	11/8/2016	97.59	8.37	6.62	1.75	90.53	--
MW-34	12/6/2016	97.59	6.36	6.35	0.01	91.24	--
MW-34	3/21/2017	97.59	4.15	NP	--	93.44	--
MW-34	4/27/2017	97.59	5.71	NP	--	91.88	--
MW-34	5/30/2017	97.59	7.03	7.01	0.02	90.57	--
MW-34	6/28/2017	97.59	7.50	7.41	0.09	90.16	--
MW-34	8/3/2017	97.59	--	--	--	--	--
MW-34	8/31/2017	97.59	10.06	9.95	0.11	87.61	--
MW-34	9/26/2017	97.59	10.03	NP	--	87.56	--
MW-34	11/29/2017	97.59	7.15	7.05	0.10	90.51	--
MW-34	2/27/2018	97.59	4.73	NP	--	92.86	--
MW-34	6/12/2018	97.59	6.83	NP	--	90.76	--
MW-34	8/29/2018	97.59	9.03	NP	--	88.56	--
MW-34	9/21/2018	97.59	10.20	10.11	0.09	87.46	--
MW-34	11/6/2018	97.59	9.31	NP	--	88.28	--
MW-34	11/28/2018	97.59	9.11	NP	--	88.48	--
MW-34	3/6/2019	97.59	7.37	NP	--	90.22	--
MW-34	5/28/2019	97.59	8.49	NP	--	89.10	--
MW-34	9/3/2019	97.59	10.41	10.40	0.01	87.19	--
MW-34	11/19/2019	97.59	7.90	NP	--	89.69	--
MW-35	12/22/2014	96.20	2.22	NP	--	93.98	--
MW-35	12/29/2014	96.20	2.46	NP	--	93.74	--
MW-35	1/5/2015	96.20	0.83	NP	--	95.37	--
MW-35	1/12/2015	96.20	1.84	NP	--	94.36	--
MW-35	1/14/2015	96.20	1.84	NP	--	94.36	--
MW-35	1/19/2015	96.20	1.67	NP	--	94.53	--
MW-35	1/26/2015	96.20	1.67	NP	--	94.53	--
MW-35	2/2/2015	96.20	2.34	NP	--	93.86	--
MW-35	2/9/2015	96.20	1.50	NP	--	94.70	--
MW-35	2/16/2015	96.20	1.85	NP	--	94.35	--
MW-35	2/23/2015	96.20	2.45	NP	--	93.75	--
MW-35	3/2/2015	96.20	2.29	NP	--	93.91	--
MW-35	3/9/2015	96.20	3.84	NP	--	92.36	--
MW-35	3/16/2015	96.20	2.08	NP	--	94.12	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-35	3/23/2015	96.20	1.86	NP	--	94.34	--
MW-35	3/30/2015	96.20	2.11	NP	--	94.09	--
MW-35	4/6/2015	96.20	2.85	NP	--	93.35	--
MW-35	4/22/2015	96.20	3.92	NP	--	92.28	--
MW-35	5/4/2015	96.20	4.00	NP	--	92.20	--
MW-35	5/18/2015	96.20	4.61	NP	--	91.59	--
MW-35	6/1/2015	96.20	5.28	NP	--	90.92	--
MW-35	6/15/2015	96.20	5.69	NP	--	90.51	--
MW-35	6/19/2015	96.20	5.84	NP	--	90.36	--
MW-35	6/29/2015	96.20	6.16	NP	--	90.04	--
MW-35	7/13/2015	96.20	6.48	NP	--	89.72	--
MW-35	7/28/2015	96.20	6.81	NP	--	89.39	--
MW-35	8/10/2015	96.20	7.07	7.06	0.01	89.14	--
MW-35	8/24/2015	96.20	7.35	NP	--	88.85	--
MW-35	9/8/2015	96.20	6.75	NP	--	89.45	--
MW-35	9/21/2015	96.20	6.68	NP	--	89.52	--
MW-35	10/5/2015	96.20	--	--	--	--	NG
MW-35	10/12/2015	96.20	7.00	NP	--	89.20	--
MW-35	10/19/2015	96.20	7.39	NP	--	88.81	--
MW-35	11/2/2015	96.20	--	--	--	--	WI
MW-35	11/16/2015	96.20	--	--	--	--	WI
MW-35	11/30/2015	96.20	--	--	--	--	--
MW-35	1/18/2016	96.20	1.95	NP	--	94.25	--
MW-35	2/1/2016	96.20	1.83	NP	--	94.37	--
MW-35	2/15/2016	96.20	--	--	--	--	NG
MW-35	3/7/2016	96.20	2.17	NP	--	94.03	--
MW-35	3/29/2016	96.20	1.98	NP	--	94.22	--
MW-35	4/5/2016	96.20	2.00	NP	--	94.20	--
MW-35	4/19/2016	96.20	2.45	NP	--	93.75	--
MW-35	5/10/2016	96.20	4.00	NP	--	92.20	--
MW-35	5/24/2016	96.20	4.45	NP	--	91.75	--
MW-35	6/7/2016	96.20	4.80	NP	--	91.40	--
MW-35	6/21/2016	96.20	4.38	NP	--	91.82	--
MW-35	7/19/2016	96.20	5.50	NP	--	90.70	--
MW-35	8/23/2016	96.20	6.49	NP	--	89.71	--
MW-35	9/20/2016	96.20	5.76	NP	--	90.44	--
MW-35	11/8/2016	96.20	2.26	NP	--	93.94	--
MW-35	12/6/2016	96.20	1.78	NP	--	94.42	--
MW-35	3/21/2017	96.20	1.15	NP	--	95.05	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-35	4/27/2017	96.20	2.46	NP	--	93.74	--
MW-35	5/30/2017	96.20	3.60	NP	--	92.60	--
MW-35	6/28/2017	96.20	5.07	NP	--	91.13	--
MW-35	8/3/2017	96.20	6.28	NP	--	89.92	--
MW-35	8/31/2017	96.20	6.92	NP	--	89.28	--
MW-35	9/26/2017	96.20	7.22	NP	--	88.98	--
MW-35	11/29/2017	96.20	3.00	NP	--	93.20	--
MW-35	2/27/2018	96.20	1.84	NP	--	94.36	--
MW-35	6/12/2018	96.20	4.91	NP	--	91.29	--
MW-35	8/29/2018	96.20	6.93	NP	--	89.27	--
MW-35	11/6/2018	96.20	5.73	NP	--	90.47	--
MW-35	3/6/2019	96.20	3.20	NP	--	93.00	--
MW-35	5/28/2019	96.20	5.15	NP	--	91.05	--
MW-35	9/3/2019	96.20	7.10	NP	--	89.10	--
MW-35	11/19/2019	96.20	2.93	NP	--	93.27	--
MW-36	12/22/2014	96.35	2.11	NP	--	94.24	--
MW-36	12/29/2014	96.35	1.78	NP	--	94.57	--
MW-36	1/5/2015	96.35	0.74	NP	--	95.61	--
MW-36	1/12/2015	96.35	1.81	NP	--	94.54	--
MW-36	1/19/2015	96.35	1.68	NP	--	94.67	--
MW-36	1/26/2015	96.35	1.52	NP	--	94.83	--
MW-36	2/2/2015	96.35	2.18	NP	--	94.17	--
MW-36	2/9/2015	96.35	1.42	NP	--	94.93	--
MW-36	2/16/2015	96.35	1.81	NP	--	94.54	--
MW-36	2/23/2015	96.35	2.35	NP	--	94.00	--
MW-36	3/2/2015	96.35	2.24	NP	--	94.11	--
MW-36	3/9/2015	96.35	2.88	NP	--	93.47	--
MW-36	3/16/2015	96.35	2.19	NP	--	94.16	--
MW-36	3/23/2015	96.35	1.85	NP	--	94.50	--
MW-36	3/30/2015	96.35	2.04	NP	--	94.31	--
MW-36	4/6/2015	96.35	2.82	NP	--	93.53	--
MW-36	4/22/2015	96.35	3.93	NP	--	92.42	--
MW-36	5/4/2015	96.35	4.10	NP	--	92.25	--
MW-36	5/18/2015	96.35	4.57	NP	--	91.78	--
MW-36	6/1/2015	96.35	5.24	NP	--	91.11	--
MW-36	6/15/2015	96.35	6.67	NP	--	89.68	--
MW-36	6/19/2015	96.35	5.78	NP	--	90.57	--
MW-36	6/29/2015	96.35	6.10	NP	--	90.25	--

TABLE 1
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-36	7/13/2015	96.35	6.42	NP	--	89.93	--
MW-36	7/28/2015	96.35	6.72	NP	--	89.63	--
MW-36	8/10/2015	96.35	6.94	NP	--	89.41	--
MW-36	8/24/2015	96.35	7.20	NP	--	89.15	--
MW-36	9/8/2015	96.35	6.81	NP	--	89.54	--
MW-36	9/21/2015	96.35	6.62	NP	--	89.73	--
MW-36	10/5/2015	96.35	6.71	NP	--	89.64	--
MW-36	10/12/2015	96.35	6.75	NP	--	89.60	--
MW-36	10/19/2015	96.35	6.83	NP	--	89.52	--
MW-36	11/2/2015	96.35	6.53	NP	--	89.82	--
MW-36	11/16/2015	96.35	4.02	NP	--	92.33	--
MW-36	11/30/2015	96.35	4.40	NP	--	91.95	--
MW-36	1/18/2016	96.35	2.36	NP	--	93.99	--
MW-36	2/1/2016	96.35	1.60	NP	--	94.75	--
MW-36	2/15/2016	96.35	0.60	NP	--	95.75	--
MW-36	3/7/2016	96.35	2.30	NP	--	94.05	--
MW-36	3/29/2016	96.35	1.79	NP	--	94.56	--
MW-36	4/5/2016	96.35	2.02	NP	--	94.33	--
MW-36	4/19/2016	96.35	2.95	NP	--	93.40	--
MW-36	5/10/2016	96.35	4.12	4.07	0.05	92.27	--
MW-36	5/24/2016	96.35	4.57	4.53	0.04	91.81	--
MW-36	6/7/2016	96.35	4.91	4.84	0.07	91.49	--
MW-36	6/21/2016	96.35	4.45	NP	--	91.90	--
MW-36	7/19/2016	96.35	5.55	NP	--	90.80	--
MW-36	8/23/2016	96.35	6.52	6.46	0.06	89.88	--
MW-36	9/20/2016	96.35	5.81	NP	--	90.54	--
MW-36	11/8/2016	96.35	2.48	NP	--	93.87	--
MW-36	12/6/2016	96.35	1.85	NP	--	94.50	--
MW-36	3/21/2017	96.35	1.70	1.69	0.01	94.66	--
MW-36	4/27/2017	96.35	--	--	--	--	WI
MW-36	5/30/2017	96.35	4.00	3.91	0.09	92.42	--
MW-36	6/28/2017	96.35	5.22	NP	--	91.13	--
MW-36	8/3/2017	96.35	6.37	6.36	0.01	89.99	--
MW-36	8/31/2017	96.35	7.00	6.94	0.06	89.40	--
MW-36	9/26/2017	96.35	7.30	7.23	0.07	89.10	--
MW-36	11/29/2017	96.35	3.23	NP	--	93.12	--
MW-36	2/27/2018	96.35	2.01	NP	--	94.34	--
MW-36	6/12/2018	96.35	5.12	5.04	0.08	91.29	--
MW-36	8/29/2018	96.35	6.92	6.90	0.02	89.44	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-36	9/21/2018	96.35	7.40	7.31	0.09	89.02	--
MW-36	11/6/2018	96.35	6.59	NP	--	89.76	--
MW-36	11/28/2018	96.35	5.14	NP	--	91.21	--
MW-36	3/6/2019	96.35	3.45	NP	--	92.90	--
MW-36	5/28/2019	96.35	5.37	NP	--	90.98	--
MW-36	9/3/2019	96.35	7.11	NP	--	89.24	--
MW-36	11/19/2019	96.35	3.65	NP	--	92.70	--
MW-37	11/17/2014	--	8.82	NP	--	--	--
MW-37	11/18/2014	--	8.88	NP	--	--	--
MW-37	11/19/2014	--	8.87	NP	--	--	--
MW-37	12/1/2014	97.68	6.36	NP	--	91.32	--
MW-37	12/8/2014	97.68	6.70	NP	--	90.98	--
MW-37	12/15/2014	97.68	6.27	NP	--	91.41	--
MW-37	12/22/2014	97.68	5.81	NP	--	91.87	--
MW-37	12/29/2014	97.68	6.02	NP	--	91.66	--
MW-37	1/5/2015	97.68	5.07	NP	--	92.61	--
MW-37	1/12/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/13/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/19/2015	97.68	5.78	NP	--	91.90	--
MW-37	1/26/2015	97.68	5.73	NP	--	91.95	--
MW-37	2/2/2015	97.68	6.23	NP	--	91.45	--
MW-37	2/9/2015	97.68	5.74	NP	--	91.94	--
MW-37	2/16/2015	97.68	5.90	NP	--	91.78	--
MW-37	2/23/2015	97.68	6.27	NP	--	91.41	--
MW-37	3/2/2015	97.68	6.35	NP	--	91.33	--
MW-37	3/9/2015	97.68	6.71	NP	--	90.97	--
MW-37	3/16/2015	97.68	6.42	NP	--	91.26	--
MW-37	3/23/2015	97.68	6.32	NP	--	91.36	--
MW-37	3/30/2015	97.68	6.42	NP	--	91.26	--
MW-37	4/6/2015	97.68	6.81	NP	--	90.87	--
MW-37	4/22/2015	97.68	7.31	NP	--	90.37	--
MW-37	5/4/2015	97.68	7.68	NP	--	90.00	--
MW-37	5/18/2015	97.68	7.90	NP	--	89.78	--
MW-37	6/1/2015	97.68	8.08	NP	--	89.60	--
MW-37	6/15/2015	97.68	8.21	NP	--	89.47	--
MW-37	6/19/2015	97.68	8.24	NP	--	89.44	--
MW-37	6/29/2015	97.68	8.60	NP	--	89.08	--
MW-37	7/13/2015	97.68	8.86	NP	--	88.82	--

TABLE 1
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-37	7/28/2015	97.68	9.01	NP	--	88.67	--
MW-37	8/10/2015	97.68	9.41	NP	--	88.27	--
MW-37	8/24/2015	97.68	9.54	NP	--	88.14	--
MW-37	9/8/2015	97.68	9.31	NP	--	88.37	--
MW-37	9/21/2015	97.68	9.24	NP	--	88.44	--
MW-37	10/5/2015	97.68	9.26	NP	--	88.42	--
MW-37	10/12/2015	97.68	9.20	NP	--	88.48	--
MW-37	10/19/2015	97.68	9.25	NP	--	88.43	--
MW-37	11/2/2015	97.68	8.80	NP	--	88.88	--
MW-37	11/16/2015	97.68	7.63	NP	--	90.05	--
MW-37	11/30/2015	97.68	7.12	NP	--	90.56	--
MW-37	1/18/2016	97.68	6.20	NP	--	91.48	--
MW-37	2/1/2016	97.68	5.60	NP	--	92.08	--
MW-37	2/15/2016	97.68	4.95	NP	--	92.73	--
MW-37	3/7/2016	97.68	5.72	NP	--	91.96	--
MW-37	3/29/2016	97.68	5.73	NP	--	91.95	--
MW-37	4/5/2016	97.68	--	--	--	--	NG
MW-37	4/19/2016	97.68	6.35	NP	--	91.33	--
MW-37	5/10/2016	97.68	6.92	NP	--	90.76	--
MW-37	5/24/2016	97.68	7.21	NP	--	90.47	--
MW-37	6/7/2016	97.68	7.54	NP	--	90.14	--
MW-37	6/21/2016	97.68	7.37	NP	--	90.31	--
MW-37	7/19/2016	97.68	8.03	NP	--	89.65	--
MW-37	8/23/2016	97.68	8.88	NP	--	88.80	--
MW-37	9/20/2016	97.68	8.35	NP	--	89.33	--
MW-37	11/8/2016	97.68	7.80	NP	--	89.88	--
MW-37	12/6/2016	97.68	6.94	NP	--	90.74	--
MW-37	3/21/2017	97.68	5.87	NP	--	91.81	--
MW-37	4/27/2017	97.68	6.75	NP	--	90.93	--
MW-37	5/30/2017	97.68	7.58	NP	--	90.10	--
MW-37	6/28/2017	97.68	8.19	NP	--	89.49	--
MW-37	8/3/2017	97.68	8.83	NP	--	88.85	--
MW-37	8/31/2017	97.68	9.24	NP	--	88.44	--
MW-37	11/29/2017	97.68	7.96	NP	--	89.72	--
MW-37	6/12/2018	97.68	7.83	NP	--	89.85	--
MW-37	8/29/2018	97.68	9.20	NP	--	88.48	--
MW-37	11/6/2018	97.68	7.64	NP	--	90.04	--
MW-37	3/6/2019	97.68	7.43	NP	--	90.25	--
MW-37	5/28/2019	97.68	7.95	NP	--	89.73	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-37	9/3/2019	97.68	9.55	NP	--	88.13	--
MW-37	11/19/2019	97.68	7.74	NP	--	89.94	--
MW-38	11/17/2014	--	7.93	NP	--	--	--
MW-38	11/18/2014	--	7.96	NP	--	--	--
MW-38	11/19/2014	--	7.95	NP	--	--	--
MW-38	12/1/2014	97.39	6.47	NP	--	90.92	--
MW-38	12/8/2014	97.39	6.24	NP	--	91.15	--
MW-38	12/15/2014	97.39	5.91	NP	--	91.48	--
MW-38	12/22/2014	97.39	5.66	NP	--	91.73	--
MW-38	12/29/2014	97.39	5.13	NP	--	92.26	--
MW-38	1/5/2015	97.39	4.59	NP	--	92.80	--
MW-38	1/12/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/13/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/19/2015	97.39	4.25	NP	--	93.14	--
MW-38	1/26/2015	97.39	4.07	NP	--	93.32	--
MW-38	2/2/2015	97.39	4.44	NP	--	92.95	--
MW-38	2/9/2015	97.39	4.12	NP	--	93.27	--
MW-38	2/16/2015	97.39	4.11	NP	--	93.28	--
MW-38	2/23/2015	97.39	4.53	NP	--	92.86	--
MW-38	3/2/2015	97.39	4.65	NP	--	92.74	--
MW-38	3/9/2015	97.39	4.98	NP	--	92.41	--
MW-38	3/16/2015	97.39	4.92	NP	--	92.47	--
MW-38	3/23/2015	97.39	4.76	NP	--	92.63	--
MW-38	3/30/2015	97.39	4.76	NP	--	92.63	--
MW-38	4/6/2015	97.39	5.13	NP	--	92.26	--
MW-38	4/22/2015	97.39	5.66	NP	--	91.73	--
MW-38	5/4/2015	97.39	5.88	NP	--	91.51	--
MW-38	5/18/2015	97.39	6.19	NP	--	91.20	--
MW-38	6/1/2015	97.39	6.52	NP	--	90.87	--
MW-38	6/15/2015	97.39	6.82	NP	--	90.57	--
MW-38	6/19/2015	97.39	6.90	NP	--	90.49	--
MW-38	6/29/2015	97.39	7.15	NP	--	90.24	--
MW-38	7/13/2015	97.39	7.41	NP	--	89.98	--
MW-38	8/10/2015	97.39	8.14	NP	--	89.25	--
MW-38	8/24/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/8/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/21/2015	97.39	8.53	NP	--	88.86	--
MW-38	10/5/2015	97.39	8.63	NP	--	88.76	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-38	10/12/2015	97.39	8.65	NP	--	88.74	--
MW-38	10/19/2015	97.39	8.68	NP	--	88.71	--
MW-38	11/2/2015	97.39	8.45	NP	--	88.94	--
MW-38	11/16/2015	97.39	7.73	NP	--	89.66	--
MW-38	11/30/2015	97.39	7.28	NP	--	90.11	--
MW-38	1/18/2016	97.39	4.98	NP	--	92.41	--
MW-38	2/1/2016	97.39	4.40	NP	--	92.99	--
MW-38	2/15/2016	97.39	3.80	NP	--	93.59	--
MW-38	3/7/2016	97.39	4.22	NP	--	93.17	--
MW-38	3/29/2016	97.39	4.23	NP	--	93.16	--
MW-38	4/5/2016	97.39	--	--	--	--	NG
MW-38	4/19/2016	97.39	4.93	NP	--	92.46	--
MW-38	5/10/2016	97.39	5.56	NP	--	91.83	--
MW-38	5/24/2016	97.39	5.87	NP	--	91.52	--
MW-38	6/7/2016	97.39	6.15	NP	--	91.24	--
MW-38	6/21/2016	97.39	6.32	NP	--	91.07	--
MW-38	7/19/2016	97.39	6.74	NP	--	90.65	--
MW-38	8/23/2016	97.39	7.43	NP	--	89.96	--
MW-38	9/20/2016	97.39	7.61	NP	--	89.78	--
MW-38	11/8/2016	97.39	7.14	NP	--	90.25	--
MW-38	12/6/2016	97.39	6.30	NP	--	91.09	--
MW-38	3/21/2017	97.39	4.05	NP	--	93.34	--
MW-38	4/27/2017	97.39	4.91	NP	--	92.48	--
MW-38	5/30/2017	97.39	5.69	NP	--	91.70	--
MW-38	6/27/2017	97.39	6.40	NP	--	90.99	--
MW-38	8/3/2017	97.39	7.23	NP	--	90.16	--
MW-38	8/31/2017	97.39	7.87	NP	--	89.52	--
MW-38	9/26/2017	97.39	8.20	NP	--	89.19	--
MW-38	11/29/2017	97.39	7.51	NP	--	89.88	--
MW-38	2/27/2018	97.39	4.01	NP	--	93.38	--
MW-38	6/12/2018	97.39	6.18	NP	--	91.21	--
MW-38	8/29/2018	97.39	7.89	NP	--	89.50	--
MW-38	11/6/2018	97.39	8.06	NP	--	89.33	--
MW-38	3/6/2019	97.39	6.38	NP	--	91.01	--
MW-38	5/28/2019	97.39	6.78	NP	--	90.61	--
MW-38	9/3/2019	97.39	8.20	NP	--	89.19	--
MW-38	11/19/2019	97.39	7.34	NP	--	90.05	--
MW-39	11/17/2014	--	8.36	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-39	11/18/2014	--	8.38	NP	--	--	--
MW-39	11/19/2014	--	8.35	NP	--	--	--
MW-39	12/1/2014	97.54	6.71	NP	--	90.83	--
MW-39	12/8/2014	97.54	6.50	NP	--	91.04	--
MW-39	12/15/2014	97.54	6.11	NP	--	91.43	--
MW-39	12/22/2014	97.54	6.39	NP	--	91.15	--
MW-39	12/29/2014	97.54	5.27	NP	--	92.27	--
MW-39	1/5/2015	97.54	4.00	NP	--	93.54	--
MW-39	1/12/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/13/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/19/2015	97.54	4.22	NP	--	93.32	--
MW-39	1/26/2015	97.54	4.17	NP	--	93.37	--
MW-39	2/2/2015	97.54	4.68	NP	--	92.86	--
MW-39	2/9/2015	97.54	4.21	NP	--	93.33	--
MW-39	2/16/2015	97.54	4.30	NP	--	93.24	--
MW-39	2/23/2015	97.54	4.74	NP	--	92.80	--
MW-39	3/2/2015	97.54	4.82	NP	--	92.72	--
MW-39	3/9/2015	97.54	5.18	NP	--	92.36	--
MW-39	3/16/2015	97.54	4.97	NP	--	92.57	--
MW-39	3/23/2015	97.54	4.95	NP	--	92.59	--
MW-39	3/30/2015	97.54	4.98	NP	--	92.56	--
MW-39	4/6/2015	97.54	5.33	NP	--	92.21	--
MW-39	4/22/2015	97.54	5.90	NP	--	91.64	--
MW-39	5/4/2015	97.54	6.12	NP	--	91.42	--
MW-39	5/18/2015	97.54	6.44	NP	--	91.10	--
MW-39	6/1/2015	97.54	6.78	NP	--	90.76	--
MW-39	6/15/2015	97.54	7.06	NP	--	90.48	--
MW-39	6/19/2015	97.54	7.14	NP	--	90.40	--
MW-39	6/29/2015	97.54	7.40	NP	--	90.14	--
MW-39	7/13/2015	97.54	7.67	NP	--	89.87	--
MW-39	7/28/2015	97.54	8.02	NP	--	89.52	--
MW-39	8/10/2015	97.54	8.33	NP	--	89.21	--
MW-39	8/24/2015	97.54	8.62	NP	--	88.92	--
MW-39	9/8/2015	97.54	8.46	NP	--	89.08	--
MW-39	9/21/2015	97.54	8.56	NP	--	88.98	--
MW-39	10/5/2015	97.54	8.81	NP	--	88.73	--
MW-39	10/12/2015	97.54	8.80	NP	--	88.74	--
MW-39	10/19/2015	97.54	8.84	NP	--	88.70	--
MW-39	11/2/2015	97.54	8.51	NP	--	89.03	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-39	11/16/2015	97.54	7.82	NP	--	89.72	--
MW-39	11/30/2015	97.54	7.46	NP	--	90.08	--
MW-39	1/18/2016	97.54	5.24	NP	--	92.30	--
MW-39	2/1/2016	97.54	4.65	NP	--	92.89	--
MW-39	2/15/2016	97.54	3.12	NP	--	94.42	--
MW-39	3/7/2016	97.54	4.24	NP	--	93.30	--
MW-39	3/29/2016	97.54	4.23	NP	--	93.31	--
MW-39	4/5/2016	97.54	--	--	--	--	NG
MW-39	4/19/2016	97.54	5.16	NP	--	92.38	--
MW-39	5/10/2016	97.54	5.80	NP	--	91.74	--
MW-39	5/24/2016	97.54	6.16	NP	--	91.38	--
MW-39	6/7/2016	97.54	6.45	NP	--	91.09	--
MW-39	6/21/2016	97.54	6.63	NP	--	90.91	--
MW-39	7/19/2016	97.54	7.01	NP	--	90.53	--
MW-39	8/23/2016	97.54	7.75	NP	--	89.79	--
MW-39	9/20/2016	97.54	7.92	NP	--	89.62	--
MW-39	11/8/2016	97.54	7.43	NP	--	90.11	--
MW-39	12/6/2016	97.54	6.65	NP	--	90.89	--
MW-39	3/21/2017	97.54	4.34	NP	--	93.20	--
MW-39	4/27/2017	97.54	5.27	NP	--	92.27	--
MW-39	5/30/2017	97.54	6.00	NP	--	91.54	--
MW-39	6/28/2017	97.54	6.76	NP	--	90.78	--
MW-39	8/3/2017	97.54	7.59	NP	--	89.95	--
MW-39	8/31/2017	97.54	8.28	NP	--	89.26	--
MW-39	11/29/2017	97.54	7.74	NP	--	89.80	--
MW-39	2/27/2018	97.54	4.23	NP	--	93.31	--
MW-39	6/12/2018	97.54	6.58	NP	--	90.96	--
MW-39	8/29/2018	97.54	8.26	NP	--	89.28	--
MW-39	11/6/2018	97.54	8.32	NP	--	89.22	--
MW-39	3/6/2019	97.54	6.68	NP	--	90.86	--
MW-39	5/28/2019	97.54	7.11	NP	--	90.43	--
MW-39	9/3/2019	97.54	8.72	NP	--	88.82	--
MW-39	11/19/2019	97.54	7.49	NP	--	90.05	--
MW-40	11/18/2014	--	7.72	NP	--	--	--
MW-40	11/19/2014	--	7.75	NP	--	--	--
MW-40	12/1/2014	97.98	5.99	NP	--	91.99	--
MW-40	12/8/2014	97.98	5.97	NP	--	92.01	--
MW-40	12/15/2014	97.98	5.52	NP	--	92.46	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-40	12/22/2014	97.98	5.44	NP	--	92.54	--
MW-40	12/29/2014	97.98	5.03	NP	--	92.95	--
MW-40	1/5/2015	97.98	4.83	NP	--	93.15	--
MW-40	1/12/2015	97.98	4.58	NP	--	93.40	--
MW-40	1/19/2015	97.98	4.70	NP	--	93.28	--
MW-40	1/26/2015	97.98	4.38	NP	--	93.60	--
MW-40	2/2/2015	97.98	4.85	NP	--	93.13	--
MW-40	2/9/2015	97.98	4.29	NP	--	93.69	--
MW-40	2/16/2015	97.98	4.49	NP	--	93.49	--
MW-40	2/23/2015	97.98	4.90	NP	--	93.08	--
MW-40	3/2/2015	97.98	5.01	NP	--	92.97	--
MW-40	3/9/2015	97.98	5.54	NP	--	92.44	--
MW-40	3/16/2015	97.98	5.42	NP	--	92.56	--
MW-40	3/23/2015	97.98	5.03	NP	--	92.95	--
MW-40	3/30/2015	97.98	5.06	NP	--	92.92	--
MW-40	4/6/2015	97.98	5.46	NP	--	92.52	--
MW-40	4/22/2015	97.98	6.08	NP	--	91.90	--
MW-40	5/4/2015	97.98	6.31	NP	--	91.67	--
MW-40	5/18/2015	97.98	6.60	NP	--	91.38	--
MW-40	6/1/2015	97.98	6.98	NP	--	91.00	--
MW-40	6/15/2015	97.98	7.22	NP	--	90.76	--
MW-40	6/19/2015	97.98	7.30	NP	--	90.68	--
MW-40	6/29/2015	97.98	7.50	NP	--	90.48	--
MW-40	7/13/2015	97.98	7.72	NP	--	90.26	--
MW-40	7/28/2015	97.98	7.96	NP	--	90.02	--
MW-40	8/10/2015	97.98	8.22	NP	--	89.76	--
MW-40	8/24/2015	97.98	8.43	NP	--	89.55	--
MW-40	9/8/2015	97.98	8.57	NP	--	89.41	--
MW-40	9/21/2015	97.98	8.60	NP	--	89.38	--
MW-40	10/5/2015	97.98	8.66	NP	--	89.32	--
MW-40	10/12/2015	97.98	8.71	NP	--	89.27	--
MW-40	10/19/2015	97.98	8.76	NP	--	89.22	--
MW-40	11/2/2015	97.98	8.67	NP	--	89.31	--
MW-40	11/16/2015	97.98	7.51	NP	--	90.47	--
MW-40	11/30/2015	97.98	6.55	NP	--	91.43	--
MW-40	1/18/2016	97.98	5.19	NP	--	92.79	--
MW-40	2/1/2016	97.98	4.54	NP	--	93.44	--
MW-40	2/15/2016	97.98	4.33	NP	--	93.65	--
MW-40	3/7/2016	97.98	4.54	NP	--	93.44	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-40	3/29/2016	97.98	4.59	NP	--	93.39	--
MW-40	4/5/2016	97.98	--	--	--	--	NG
MW-40	4/19/2016	97.98	5.28	NP	--	92.70	--
MW-40	5/10/2016	97.98	5.90	NP	--	92.08	--
MW-40	5/24/2016	97.98	6.37	NP	--	91.61	--
MW-40	6/7/2016	97.98	6.68	NP	--	91.30	--
MW-40	6/21/2016	97.98	6.76	NP	--	91.22	--
MW-40	7/19/2016	97.98	7.19	NP	--	90.79	--
MW-40	8/23/2016	97.98	7.80	NP	--	90.18	--
MW-40	9/20/2016	97.98	7.89	NP	--	90.09	--
MW-40	11/8/2016	97.98	6.77	NP	--	91.21	--
MW-40	12/6/2016	97.98	5.59	NP	--	92.39	--
MW-40	3/21/2017	97.98	4.32	NP	--	93.66	--
MW-40	4/27/2017	97.98	5.29	NP	--	92.69	--
MW-40	5/30/2017	97.98	6.05	NP	--	91.93	--
MW-40	6/28/2017	97.98	6.92	NP	--	91.06	--
MW-40	8/3/2017	97.98	7.65	NP	--	90.33	--
MW-40	8/31/2017	97.98	8.18	NP	--	89.80	--
MW-40	11/29/2017	97.98	7.40	NP	--	90.58	--
MW-40	2/27/2018	97.98	4.32	NP	--	93.66	--
MW-40	6/12/2018	97.98	6.73	NP	--	91.25	--
MW-40	8/29/2018	97.98	8.21	NP	--	89.77	--
MW-40	11/6/2018	97.98	8.55	NP	--	89.43	--
MW-40	3/6/2019	97.98	6.30	NP	--	91.68	--
MW-40	5/28/2019	97.98	7.19	NP	--	90.79	--
MW-40	9/3/2019	97.98	8.54	NP	--	89.44	--
MW-40	11/19/2019	97.98	7.16	NP	--	90.82	--
MW-41	11/18/2014	--	5.92	NP	--	--	--
MW-41	11/19/2014	--	6.04	NP	--	--	--
MW-41	12/1/2014	98.28	3.71	NP	--	94.57	--
MW-41	12/8/2014	98.28	3.97	NP	--	94.31	--
MW-41	12/15/2014	98.28	3.48	NP	--	94.80	--
MW-41	12/22/2014	98.28	3.33	NP	--	94.95	--
MW-41	12/29/2014	98.28	3.01	NP	--	95.27	--
MW-41	1/5/2015	98.28	2.35	NP	--	95.93	--
MW-41	1/12/2015	98.28	3.28	NP	--	95.00	--
MW-41	1/19/2015	98.28	3.01	NP	--	95.27	--
MW-41	1/26/2015	98.28	2.84	NP	--	95.44	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-41	2/2/2015	98.28	3.73	NP	--	94.55	--
MW-41	2/9/2015	98.28	2.71	NP	--	95.57	--
MW-41	2/16/2015	98.28	3.25	NP	--	95.03	--
MW-41	2/23/2015	98.28	3.84	NP	--	94.44	--
MW-41	3/2/2015	98.28	4.65	NP	--	93.63	--
MW-41	3/9/2015	98.28	4.55	NP	--	93.73	--
MW-41	3/16/2015	98.28	3.11	NP	--	95.17	--
MW-41	3/23/2015	98.28	3.31	NP	--	94.97	--
MW-41	3/30/2015	98.28	3.78	NP	--	94.50	--
MW-41	4/6/2015	98.28	4.74	NP	--	93.54	--
MW-41	4/22/2015	98.28	6.22	NP	--	92.06	--
MW-41	5/4/2015	98.28	6.54	NP	--	91.74	--
MW-41	5/18/2015	98.28	7.09	NP	--	91.19	--
MW-41	6/1/2015	98.28	7.81	NP	--	90.47	--
MW-41	6/15/2015	98.28	8.28	NP	--	90.00	--
MW-41	6/19/2015	98.28	8.45	NP	--	89.83	--
MW-41	6/29/2015	98.28	8.80	NP	--	89.48	--
MW-41	7/13/2015	98.28	9.16	NP	--	89.12	--
MW-41	7/28/2015	98.28	9.48	NP	--	88.80	--
MW-41	8/10/2015	98.28	9.82	NP	--	88.46	--
MW-41	8/24/2015	98.28	10.05	NP	--	88.23	--
MW-41	9/8/2015	98.28	9.44	NP	--	88.84	--
MW-41	9/21/2015	98.28	9.34	NP	--	88.94	--
MW-41	10/5/2015	98.28	9.44	NP	--	88.84	--
MW-41	10/12/2015	98.28	9.46	NP	--	88.82	--
MW-41	10/19/2015	98.28	9.49	NP	--	88.79	--
MW-41	11/2/2015	98.28	7.35	NP	--	90.93	--
MW-41	11/16/2015	98.28	3.60	NP	--	94.68	--
MW-41	11/30/2015	98.28	5.70	NP	--	92.58	--
MW-41	1/18/2016	98.28	3.45	NP	--	94.83	--
MW-41	2/1/2016	98.28	2.79	NP	--	95.49	--
MW-41	2/15/2016	98.28	2.38	NP	--	95.90	--
MW-41	3/7/2016	98.28	3.25	NP	--	95.03	--
MW-41	3/29/2016	98.28	3.24	NP	--	95.04	--
MW-41	4/5/2016	98.28	3.45	NP	--	94.83	--
MW-41	4/19/2016	98.28	5.07	NP	--	93.21	--
MW-41	5/10/2016	98.28	6.59	NP	--	91.69	--
MW-41	5/24/2016	98.28	6.98	NP	--	91.30	--
MW-41	6/7/2016	98.28	7.45	NP	--	90.83	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-41	6/21/2016	98.28	6.83	NP	--	91.45	--
MW-41	7/19/2016	98.28	8.18	NP	--	90.10	--
MW-41	8/23/2016	98.28	9.16	NP	--	89.12	--
MW-41	9/20/2016	98.28	8.31	NP	--	89.97	--
MW-41	11/8/2016	98.28	3.79	NP	--	94.49	--
MW-41	12/6/2016	98.28	3.29	NP	--	94.99	--
MW-41	3/21/2017	98.28	2.82	NP	--	95.46	--
MW-41	4/27/2017	98.28	4.61	NP	--	93.67	--
MW-41	5/30/2017	98.28	6.50	NP	--	91.78	--
MW-41	6/28/2017	98.28	7.86	NP	--	90.42	--
MW-41	8/3/2017	98.28	9.00	NP	--	89.28	--
MW-41	8/31/2017	98.28	9.64	NP	--	88.64	--
MW-41	9/26/2017	98.28	9.85	NP	--	88.43	--
MW-41	11/29/2017	98.28	3.66	NP	--	94.62	--
MW-41	2/27/2018	98.28	3.26	NP	--	95.02	--
MW-41	6/12/2018	98.28	7.72	NP	--	90.56	--
MW-41	8/29/2018	98.28	9.75	NP	--	88.53	--
MW-41	11/6/2018	98.28	7.65	NP	--	90.63	--
MW-41	3/6/2019	98.28	5.10	NP	--	93.18	--
MW-41	5/28/2019	98.28	7.85	NP	--	90.43	--
MW-41	9/3/2019	98.28	10.03	NP	--	88.25	--
MW-41	11/19/2019	98.28	4.00	NP	--	94.28	--
MW-42	11/18/2014	--	5.74	NP	--	--	--
MW-42	11/19/2014	--	5.53	NP	--	--	--
MW-42	12/1/2014	97.88	3.57	NP	--	94.31	--
MW-42	12/8/2014	97.88	3.64	NP	--	94.24	--
MW-42	12/15/2014	97.88	3.18	NP	--	94.70	--
MW-42	12/22/2014	97.88	3.16	NP	--	94.72	--
MW-42	12/29/2014	97.88	2.93	NP	--	94.95	--
MW-42	1/5/2015	97.88	2.16	NP	--	95.72	--
MW-42	1/12/2015	97.88	3.02	NP	--	94.86	--
MW-42	1/19/2015	97.88	2.66	NP	--	95.22	--
MW-42	1/26/2015	97.88	2.72	NP	--	95.16	--
MW-42	2/2/2015	97.88	3.28	NP	--	94.60	--
MW-42	2/9/2015	97.88	2.66	NP	--	95.22	--
MW-42	2/16/2015	97.88	2.96	NP	--	94.92	--
MW-42	2/23/2015	97.88	3.43	NP	--	94.45	--
MW-42	3/2/2015	97.88	3.29	NP	--	94.59	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-42	3/9/2015	97.88	4.04	NP	--	93.84	--
MW-42	3/16/2015	97.88	2.91	NP	--	94.97	--
MW-42	3/23/2015	97.88	3.03	NP	--	94.85	--
MW-42	3/30/2015	97.88	3.30	NP	--	94.58	--
MW-42	4/6/2015	97.88	4.22	NP	--	93.66	--
MW-42	4/22/2015	97.88	5.57	NP	--	92.31	--
MW-42	5/4/2015	97.88	5.85	NP	--	92.03	--
MW-42	5/18/2015	97.88	6.35	NP	--	91.53	--
MW-42	6/1/2015	97.88	7.08	NP	--	90.80	--
MW-42	6/15/2015	97.88	7.54	NP	--	90.34	--
MW-42	6/19/2015	97.88	7.72	NP	--	90.16	--
MW-42	6/29/2015	97.88	8.00	NP	--	89.88	--
MW-42	7/13/2015	97.88	8.31	NP	--	89.57	--
MW-42	7/28/2015	97.88	8.69	NP	--	89.19	--
MW-42	8/10/2015	97.88	8.98	NP	--	88.90	--
MW-42	8/24/2015	97.88	9.23	NP	--	88.65	--
MW-42	9/8/2015	97.88	8.60	NP	--	89.28	--
MW-42	9/21/2015	97.88	8.55	NP	--	89.33	--
MW-42	10/5/2015	97.88	8.72	NP	--	89.16	--
MW-42	10/12/2015	97.88	8.47	NP	--	89.41	--
MW-42	10/19/2015	97.88	8.97	NP	--	88.91	--
MW-42	11/2/2015	97.88	7.99	NP	--	89.89	--
MW-42	11/16/2015	97.88	4.82	NP	--	93.06	--
MW-42	11/30/2015	97.88	5.94	NP	--	91.94	--
MW-42	1/18/2016	97.88	3.37	NP	--	94.51	--
MW-42	2/1/2016	97.88	2.82	NP	--	95.06	--
MW-42	2/15/2016	97.88	2.08	NP	--	95.80	--
MW-42	3/7/2016	97.88	3.41	NP	--	94.47	--
MW-42	3/29/2016	97.88	3.09	NP	--	94.79	--
MW-42	4/5/2016	97.88	3.22	NP	--	94.66	--
MW-42	4/19/2016	97.88	4.51	NP	--	93.37	--
MW-42	5/10/2016	97.88	5.94	NP	--	91.94	--
MW-42	5/24/2016	97.88	6.25	NP	--	91.63	--
MW-42	6/7/2016	97.88	6.68	NP	--	91.20	--
MW-42	6/21/2016	97.88	6.21	NP	--	91.67	--
MW-42	7/19/2016	97.88	7.42	NP	--	90.46	--
MW-42	8/23/2016	97.88	8.38	NP	--	89.50	--
MW-42	9/20/2016	97.88	7.56	NP	--	90.32	--
MW-42	11/8/2016	97.88	3.50	NP	--	94.38	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-42	12/6/2016	97.88	3.18	NP	--	94.70	--
MW-42	3/21/2017	97.88	2.60	NP	--	95.28	--
MW-42	4/27/2017	97.88	4.15	NP	--	93.73	--
MW-42	5/30/2017	97.88	5.78	NP	--	92.10	--
MW-42	6/28/2017	97.88	7.03	NP	--	90.85	--
MW-42	8/3/2017	97.88	8.24	NP	--	89.64	--
MW-42	8/31/2017	97.88	8.89	NP	--	88.99	--
MW-42	11/29/2017	97.88	3.84	NP	--	94.04	--
MW-42	2/27/2018	97.88	3.08	NP	--	94.80	--
MW-42	6/12/2018	97.88	6.97	NP	--	90.91	--
MW-42	8/29/2018	97.88	8.99	NP	--	88.89	--
MW-42	11/6/2018	97.88	7.20	NP	--	90.68	--
MW-42	3/6/2019	97.88	4.79	NP	--	93.09	--
MW-42	5/28/2019	97.88	7.04	NP	--	90.84	--
MW-42	9/3/2019	97.88	9.21	NP	--	88.67	--
MW-42	11/19/2019	97.88	3.27	NP	--	94.61	--
MW-43	11/18/2014	--	4.67	NP	--	--	--
MW-43	11/19/2014	--	4.79	NP	--	--	--
MW-43	12/1/2014	97.11	2.92	NP	--	94.19	--
MW-43	12/8/2014	97.11	3.06	NP	--	94.05	--
MW-43	12/15/2014	97.11	2.68	NP	--	94.43	--
MW-43	12/22/2014	97.11	2.71	NP	--	94.40	--
MW-43	12/29/2014	97.11	2.56	NP	--	94.55	--
MW-43	1/5/2015	97.11	1.95	NP	--	95.16	--
MW-43	1/12/2015	97.11	2.65	NP	--	94.46	--
MW-43	1/19/2015	97.11	2.31	NP	--	94.80	--
MW-43	1/26/2015	97.11	2.37	NP	--	94.74	--
MW-43	2/2/2015	97.11	2.81	NP	--	94.30	--
MW-43	2/9/2015	97.11	2.27	NP	--	94.84	--
MW-43	2/16/2015	97.11	2.57	NP	--	94.54	--
MW-43	2/23/2015	97.11	2.97	NP	--	94.14	--
MW-43	3/2/2015	97.11	2.86	NP	--	94.25	--
MW-43	3/9/2015	97.11	3.54	NP	--	93.57	--
MW-43	3/16/2015	97.11	2.62	NP	--	94.49	--
MW-43	3/23/2015	97.11	2.58	NP	--	94.53	--
MW-43	3/30/2015	97.11	2.81	NP	--	94.30	--
MW-43	4/6/2015	97.11	3.72	NP	--	93.39	--
MW-43	4/22/2015	97.11	5.19	NP	--	91.92	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-43	5/4/2015	97.11	5.37	NP	--	91.74	--
MW-43	5/18/2015	97.11	5.88	NP	--	91.23	--
MW-43	6/1/2015	97.11	6.51	NP	--	90.60	--
MW-43	6/15/2015	97.11	6.99	NP	--	90.12	--
MW-43	6/19/2015	97.11	7.15	NP	--	89.96	--
MW-43	6/29/2015	97.11	7.50	NP	--	89.61	--
MW-43	7/13/2015	97.11	7.97	NP	--	89.14	--
MW-43	7/28/2015	97.11	8.32	NP	--	88.79	--
MW-43	8/10/2015	97.11	8.65	NP	--	88.46	--
MW-43	8/24/2015	97.11	8.89	NP	--	88.22	--
MW-43	9/8/2015	97.11	5.32	NP	--	91.79	--
MW-43	9/21/2015	97.11	8.27	NP	--	88.84	--
MW-43	10/5/2015	97.11	8.34	NP	--	88.77	--
MW-43	10/12/2015	97.11	8.40	NP	--	88.71	--
MW-43	10/19/2015	97.11	8.45	NP	--	88.66	--
MW-43	11/2/2015	97.11	7.05	NP	--	90.06	--
MW-43	11/16/2015	97.11	3.50	NP	--	93.61	--
MW-43	11/30/2015	97.11	4.64	NP	--	92.47	--
MW-43	1/18/2016	97.11	2.92	NP	--	94.19	--
MW-43	2/1/2016	97.11	2.42	NP	--	94.69	--
MW-43	2/15/2016	97.11	1.94	NP	--	95.17	--
MW-43	3/7/2016	97.11	2.94	NP	--	94.17	--
MW-43	3/29/2016	97.11	2.57	NP	--	94.54	--
MW-43	4/5/2016	97.11	2.76	NP	--	94.35	--
MW-43	4/19/2016	97.11	4.02	NP	--	93.09	--
MW-43	5/10/2016	97.11	5.47	NP	--	91.64	--
MW-43	5/24/2016	97.11	5.85	NP	--	91.26	--
MW-43	6/7/2016	97.11	6.21	NP	--	90.90	--
MW-43	6/21/2016	97.11	5.71	NP	--	91.40	--
MW-43	7/19/2016	97.11	6.88	NP	--	90.23	--
MW-43	8/23/2016	97.11	8.03	NP	--	89.08	--
MW-43	9/20/2016	97.11	7.03	NP	--	90.08	--
MW-43	11/8/2016	97.11	2.90	NP	--	94.21	--
MW-43	12/6/2016	97.11	2.69	NP	--	94.42	--
MW-43	3/21/2017	97.11	2.06	NP	--	95.05	--
MW-43	4/27/2017	97.11	3.66	NP	--	93.45	--
MW-43	5/30/2017	97.11	5.33	NP	--	91.78	--
MW-43	6/28/2017	97.11	6.52	NP	--	90.59	--
MW-43	8/3/2017	97.11	7.82	NP	--	89.29	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-43	8/31/2017	97.11	8.57	NP	--	88.54	--
MW-43	9/26/2017	97.11	8.82	NP	--	88.29	--
MW-43	11/29/2017	97.11	3.15	NP	--	93.96	--
MW-43	2/27/2018	97.11	2.66	NP	--	94.45	--
MW-43	6/12/2018	97.11	6.53	NP	--	90.58	--
MW-43	8/29/2018	97.11	8.65	NP	--	88.46	--
MW-43	11/6/2018	97.11	6.72	NP	--	90.39	--
MW-43	3/6/2019	97.11	4.18	NP	--	92.93	--
MW-43	5/28/2019	97.11	6.64	NP	--	90.47	--
MW-43	9/3/2019	--	--	--	--	--	WD
MW-43	11/19/2019	98.70	4.01	NP	--	94.69	--
MW-44	11/18/2014	--	3.97	NP	--	--	--
MW-44	11/19/2014	--	3.78	NP	--	--	--
MW-44	12/1/2014	96.67	1.97	NP	--	94.70	--
MW-44	12/8/2014	96.67	2.10	NP	--	94.57	--
MW-44	12/15/2014	96.67	1.77	NP	--	94.90	--
MW-44	12/22/2014	96.67	1.78	NP	--	94.89	--
MW-44	12/29/2014	96.67	1.62	NP	--	95.05	--
MW-44	1/5/2015	96.67	1.22	NP	--	95.45	--
MW-44	1/12/2015	96.67	1.70	NP	--	94.97	--
MW-44	1/19/2015	96.67	1.55	NP	--	95.12	--
MW-44	1/26/2015	96.67	1.53	NP	--	95.14	--
MW-44	2/2/2015	96.67	1.86	NP	--	94.81	--
MW-44	2/9/2015	96.67	1.50	NP	--	95.17	--
MW-44	2/16/2015	96.67	1.66	NP	--	95.01	--
MW-44	2/23/2015	96.67	1.99	NP	--	94.68	--
MW-44	3/2/2015	96.67	1.88	NP	--	94.79	--
MW-44	3/9/2015	96.67	2.56	NP	--	94.11	--
MW-44	3/16/2015	96.67	1.74	NP	--	94.93	--
MW-44	3/23/2015	96.67	1.70	NP	--	94.97	--
MW-44	3/30/2015	96.67	1.91	NP	--	94.76	--
MW-44	4/6/2015	96.67	2.80	NP	--	93.87	--
MW-44	4/22/2015	96.67	4.34	NP	--	92.33	--
MW-44	5/4/2015	96.67	4.62	NP	--	92.05	--
MW-44	5/18/2015	96.67	5.12	NP	--	91.55	--
MW-44	6/1/2015	96.67	5.90	NP	--	90.77	--
MW-44	6/15/2015	96.67	6.37	NP	--	90.30	--
MW-44	6/19/2015	96.67	6.55	NP	--	90.12	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-44	6/29/2015	96.67	6.81	NP	--	89.86	--
MW-44	7/13/2015	96.67	7.20	NP	--	89.47	--
MW-44	7/28/2015	96.67	7.53	NP	--	89.14	--
MW-44	8/10/2015	96.67	7.83	NP	--	88.84	--
MW-44	8/24/2015	96.67	8.06	NP	--	88.61	--
MW-44	9/8/2015	96.67	7.77	NP	--	88.90	--
MW-44	9/21/2015	96.67	7.55	NP	--	89.12	--
MW-44	10/5/2015	96.67	7.55	NP	--	89.12	--
MW-44	10/12/2015	96.67	7.58	NP	--	89.09	--
MW-44	10/19/2015	96.67	7.52	NP	--	89.15	--
MW-44	11/2/2015	96.67	5.09	NP	--	91.58	--
MW-44	11/16/2015	96.67	2.25	NP	--	94.42	--
MW-44	11/30/2015	96.67	3.21	NP	--	93.46	--
MW-44	1/18/2016	96.67	2.07	NP	--	94.60	--
MW-44	2/1/2016	96.67	1.70	NP	--	94.97	--
MW-44	2/15/2016	96.67	--	--	--	--	WI
MW-44	3/7/2016	96.67	2.09	NP	--	94.58	--
MW-44	3/29/2016	96.67	1.80	NP	--	94.87	--
MW-44	4/5/2016	96.67	1.95	NP	--	94.72	--
MW-44	4/19/2016	96.67	3.18	NP	--	93.49	--
MW-44	5/10/2016	96.67	4.76	NP	--	91.91	--
MW-44	5/24/2016	96.67	5.19	NP	--	91.48	--
MW-44	6/7/2016	96.67	5.62	NP	--	91.05	--
MW-44	6/21/2016	96.67	5.20	NP	--	91.47	--
MW-44	7/19/2016	96.67	6.33	NP	--	90.34	--
MW-44	8/23/2016	96.67	7.29	NP	--	89.38	--
MW-44	9/20/2016	96.67	6.24	NP	--	90.43	--
MW-44	11/8/2016	96.67	1.93	NP	--	94.74	--
MW-44	12/6/2016	96.67	1.88	NP	--	94.79	--
MW-44	3/21/2017	96.67	1.57	NP	--	95.10	--
MW-44	4/27/2017	96.67	2.82	NP	--	93.85	--
MW-44	5/30/2017	96.67	4.65	NP	--	92.02	--
MW-44	6/28/2017	96.67	6.00	NP	--	90.67	--
MW-44	8/3/2017	96.67	7.16	NP	--	89.51	--
MW-44	8/31/2017	96.67	7.81	NP	--	88.86	--
MW-44	9/26/2017	96.67	8.09	NP	--	88.58	--
MW-44	11/29/2017	96.67	2.35	NP	--	94.32	--
MW-44	2/27/2018	96.67	1.86	NP	--	94.81	--
MW-44	6/12/2018	96.67	5.90	NP	--	90.77	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-44	8/29/2018	96.67	7.93	NP	--	88.74	--
MW-44	11/6/2018	96.67	5.35	NP	--	91.32	--
MW-44	3/6/2019	96.67	3.44	NP	--	93.23	--
MW-44	5/28/2019	96.67	5.99	NP	--	90.68	--
MW-44	9/3/2019	96.67	8.05	NP	--	88.62	--
MW-44	11/19/2019	96.67	1.89	NP	--	94.78	--
MW-45	11/17/2014	--	8.56	NP	--	--	--
MW-45	11/18/2014	--	8.30	NP	--	--	--
MW-45	11/19/2014	--	8.30	NP	--	--	--
MW-45	12/1/2014	97.23	6.32	NP	--	90.91	--
MW-45	12/8/2014	97.23	6.06	6.05	0.01	91.18	--
MW-45	12/15/2014	97.23	5.80	NP	--	91.43	--
MW-45	12/22/2014	97.23	5.63	NP	--	91.60	--
MW-45	12/29/2014	97.23	5.23	NP	--	92.00	--
MW-45	1/5/2015	97.23	4.66	NP	--	92.57	--
MW-45	1/12/2015	97.23	4.43	NP	--	92.80	--
MW-45	1/13/2015	97.23	4.43	NP	--	92.80	--
MW-45	1/19/2015	97.23	4.42	NP	--	92.81	--
MW-45	1/26/2015	97.23	4.15	NP	--	93.08	--
MW-45	2/2/2015	97.23	4.67	NP	--	92.56	--
MW-45	2/9/2015	97.23	4.15	NP	--	93.08	--
MW-45	2/16/2015	97.23	4.13	NP	--	93.10	--
MW-45	2/23/2015	97.23	4.68	NP	--	92.55	--
MW-45	3/2/2015	97.23	4.88	NP	--	92.35	--
MW-45	3/9/2015	97.23	5.32	NP	--	91.91	--
MW-45	3/16/2015	97.23	5.31	NP	--	91.92	--
MW-45	3/23/2015	97.23	5.11	NP	--	92.12	--
MW-45	3/30/2015	97.23	5.10	NP	--	92.13	--
MW-45	4/6/2015	97.23	5.43	NP	--	91.80	--
MW-45	4/22/2015	97.23	6.12	NP	--	91.11	--
MW-45	5/4/2015	97.23	6.50	NP	--	90.73	--
MW-45	5/18/2015	97.23	6.80	NP	--	90.43	--
MW-45	6/1/2015	97.23	7.15	NP	--	90.08	--
MW-45	6/15/2015	97.23	7.34	NP	--	89.89	--
MW-45	6/19/2015	97.23	7.46	NP	--	89.77	--
MW-45	6/29/2015	97.23	7.82	NP	--	89.41	--
MW-45	7/13/2015	97.23	8.12	NP	--	89.11	--
MW-45	7/28/2015	97.23	8.39	NP	--	88.84	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-45	8/10/2015	97.23	8.78	NP	--	88.45	--
MW-45	8/24/2015	97.23	9.00	NP	--	88.23	--
MW-45	9/8/2015	97.23	8.85	NP	--	88.38	--
MW-45	9/21/2015	97.23	8.83	NP	--	88.40	--
MW-45	10/5/2015	97.23	8.88	NP	--	88.35	--
MW-45	10/12/2015	97.23	8.85	NP	--	88.38	--
MW-45	10/19/2015	97.23	8.87	NP	--	88.36	--
MW-45	11/2/2015	97.23	8.53	NP	--	88.70	--
MW-45	11/16/2015	97.23	7.56	NP	--	89.67	--
MW-45	11/30/2015	97.23	7.00	NP	--	90.23	--
MW-45	1/18/2016	97.23	5.06	NP	--	92.17	--
MW-45	2/1/2016	97.23	4.41	NP	--	92.82	--
MW-45	2/15/2016	97.23	4.01	NP	--	93.22	--
MW-45	3/7/2016	97.23	4.15	NP	--	93.08	--
MW-45	3/29/2016	97.23	4.16	NP	--	93.07	--
MW-45	4/5/2016	97.23	--	--	--	--	NG
MW-45	4/19/2016	97.23	4.97	NP	--	92.26	--
MW-45	5/10/2016	97.23	--	--	--	--	WI
MW-45	5/24/2016	97.23	6.10	NP	--	91.13	--
MW-45	6/7/2016	97.23	6.53	NP	--	90.70	--
MW-45	6/21/2016	97.23	6.65	NP	--	90.58	--
MW-45	7/19/2016	97.23	7.15	NP	--	90.08	--
MW-45	8/23/2016	97.23	7.98	NP	--	89.25	--
MW-45	9/20/2016	97.23	--	--	--	--	NG
MW-45	11/8/2016	97.23	7.16	NP	--	90.07	--
MW-45	12/6/2016	97.23	6.10	NP	--	91.13	--
MW-45	3/21/2017	97.23	3.98	NP	--	93.25	--
MW-45	4/27/2017	97.23	5.09	NP	--	92.14	--
MW-45	5/30/2017	97.23	5.96	NP	--	91.27	--
MW-45	6/27/2017	97.23	6.96	NP	--	90.27	--
MW-45	8/3/2017	97.23	7.75	NP	--	89.48	--
MW-45	8/31/2017	97.23	8.48	NP	--	88.75	--
MW-45	9/26/2017	97.23	8.71	NP	--	88.52	--
MW-45	11/29/2017	97.23	7.43	NP	--	89.80	--
MW-45	2/27/2018	97.23	3.82	NP	--	93.41	--
MW-45	6/12/2018	97.23	6.50	NP	--	90.73	--
MW-45	8/29/2018	97.23	8.38	NP	--	88.85	--
MW-45	11/6/2018	97.23	8.31	NP	--	88.92	--
MW-45	3/6/2019	97.23	6.25	NP	--	90.98	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-45	5/28/2019	97.23	7.00	NP	--	90.23	--
MW-45	9/3/2019	97.23	8.81	NP	--	88.42	--
MW-45	11/19/2019	97.23	6.53	NP	--	90.70	--
MW-47	12/22/2014	97.42	5.69	NP	--	91.73	--
MW-47	12/29/2014	97.42	5.14	NP	--	92.28	--
MW-47	1/5/2015	97.42	4.38	NP	--	93.04	--
MW-47	1/12/2015	97.42	4.34	NP	--	93.08	--
MW-47	1/13/2015	97.42	4.34	NP	--	93.08	--
MW-47	1/19/2015	97.42	4.16	NP	--	93.26	--
MW-47	1/26/2015	97.42	4.04	NP	--	93.38	--
MW-47	2/2/2015	97.42	4.46	NP	--	92.96	--
MW-47	2/9/2015	97.42	4.06	NP	--	93.36	--
MW-47	2/16/2015	97.42	4.12	NP	--	93.30	--
MW-47	2/23/2015	97.42	4.53	NP	--	92.89	--
MW-47	3/2/2015	97.42	4.64	NP	--	92.78	--
MW-47	3/9/2015	97.42	4.99	NP	--	92.43	--
MW-47	3/16/2015	97.42	4.89	NP	--	92.53	--
MW-47	3/23/2015	97.42	4.77	NP	--	92.65	--
MW-47	3/30/2015	97.42	4.76	NP	--	92.66	--
MW-47	4/6/2015	97.42	5.06	NP	--	92.36	--
MW-47	4/22/2015	97.42	5.68	NP	--	91.74	--
MW-47	5/4/2015	97.42	5.93	NP	--	91.49	--
MW-47	5/18/2015	97.42	6.22	NP	--	91.20	--
MW-47	6/1/2015	97.42	6.54	NP	--	90.88	--
MW-47	6/15/2015	97.42	6.80	NP	--	90.62	--
MW-47	6/19/2015	97.42	6.89	NP	--	90.53	--
MW-47	6/29/2015	97.42	7.10	NP	--	90.32	--
MW-47	7/13/2015	97.42	7.35	NP	--	90.07	--
MW-47	7/28/2015	97.42	7.63	NP	--	89.79	--
MW-47	8/10/2015	97.42	7.91	NP	--	89.51	--
MW-47	8/24/2015	97.42	8.16	NP	--	89.26	--
MW-47	9/8/2015	97.42	8.20	NP	--	89.22	--
MW-47	9/21/2015	97.42	8.34	NP	--	89.08	--
MW-47	10/5/2015	97.42	--	--	--	--	NG
MW-47	10/12/2015	97.42	8.52	NP	--	88.90	--
MW-47	10/19/2015	97.42	8.57	NP	--	88.85	--
MW-47	11/2/2015	97.42	8.40	NP	--	89.02	--
MW-47	11/16/2015	97.42	7.97	NP	--	89.45	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-47	11/30/2015	97.42	7.45	NP	--	89.97	--
MW-47	1/18/2016	97.42	--	--	--	--	WI
MW-47	2/1/2016	97.42	--	--	--	--	WI
MW-47	2/15/2016	97.42	3.66	NP	--	93.76	--
MW-47	3/7/2016	97.42	4.33	NP	--	93.09	--
MW-47	3/29/2016	97.42	4.32	NP	--	93.10	--
MW-47	4/5/2016	97.42	--	--	--	--	NG
MW-47	4/19/2016	97.42	5.00	NP	--	92.42	--
MW-47	5/10/2016	97.42	5.64	NP	--	91.78	--
MW-47	5/24/2016	97.42	6.00	NP	--	91.42	--
MW-47	6/7/2016	97.42	6.26	NP	--	91.16	--
MW-47	6/21/2016	97.42	6.46	NP	--	90.96	--
MW-47	7/19/2016	97.42	6.80	NP	--	90.62	--
MW-47	8/23/2016	97.42	7.44	NP	--	89.98	--
MW-47	9/20/2016	97.42	7.68	NP	--	89.74	--
MW-47	11/8/2016	97.42	7.32	NP	--	90.10	--
MW-47	12/6/2016	97.42	6.50	NP	--	90.92	--
MW-47	3/21/2017	97.42	4.20	NP	--	93.22	--
MW-47	4/27/2017	97.42	5.10	NP	--	92.32	--
MW-47	5/30/2017	97.42	5.81	NP	--	91.61	--
MW-47	6/28/2017	97.42	6.54	NP	--	90.88	--
MW-47	8/3/2017	97.42	7.29	NP	--	90.13	--
MW-47	8/31/2017	97.42	7.86	NP	--	89.56	--
MW-47	11/29/2017	97.42	7.73	NP	--	89.69	--
MW-47	2/27/2018	97.42	4.12	NP	--	93.30	--
MW-47	6/12/2018	97.42	6.35	NP	--	91.07	--
MW-47	8/29/2018	97.42	7.88	NP	--	89.54	--
MW-47	11/6/2018	97.42	8.24	NP	--	89.18	--
MW-47	3/6/2019	97.42	6.49	NP	--	90.93	--
MW-47	5/28/2019	97.42	6.88	NP	--	90.54	--
MW-47	9/3/2019	97.42	8.30	NP	--	89.12	--
MW-47	11/19/2019	97.42	7.55	NP	--	89.87	--
MW-48	12/22/2014	97.61	5.90	NP	--	91.71	--
MW-48	12/29/2014	97.61	5.37	NP	--	92.24	--
MW-48	1/5/2015	97.61	4.78	NP	--	92.83	--
MW-48	1/12/2015	97.61	4.55	NP	--	93.06	--
MW-48	1/13/2015	97.61	4.55	NP	--	93.06	--
MW-48	1/19/2015	97.61	4.42	NP	--	93.19	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-48	1/26/2015	97.61	4.24	NP	--	93.37	--
MW-48	2/2/2015	97.61	4.64	NP	--	92.97	--
MW-48	2/9/2015	97.61	4.29	NP	--	93.32	--
MW-48	2/16/2015	97.61	4.30	NP	--	93.31	--
MW-48	2/23/2015	97.61	4.71	NP	--	92.90	--
MW-48	3/2/2015	97.61	4.82	NP	--	92.79	--
MW-48	3/9/2015	97.61	5.16	NP	--	92.45	--
MW-48	3/16/2015	97.61	5.10	NP	--	92.51	--
MW-48	3/23/2015	97.61	4.95	NP	--	92.66	--
MW-48	3/30/2015	97.61	4.95	NP	--	92.66	--
MW-48	4/6/2015	97.61	5.32	NP	--	92.29	--
MW-48	4/22/2015	97.61	5.83	NP	--	91.78	--
MW-48	5/4/2015	97.61	6.05	NP	--	91.56	--
MW-48	5/18/2015	97.61	6.34	NP	--	91.27	--
MW-48	6/1/2015	97.61	6.66	NP	--	90.95	--
MW-48	6/15/2015	97.61	6.91	NP	--	90.70	--
MW-48	6/19/2015	97.61	7.00	NP	--	90.61	--
MW-48	6/29/2015	97.61	7.21	NP	--	90.40	--
MW-48	7/13/2015	97.61	7.45	NP	--	90.16	--
MW-48	7/28/2015	97.61	7.71	NP	--	89.90	--
MW-48	8/10/2015	97.61	7.97	NP	--	89.64	--
MW-48	8/24/2015	97.61	8.22	NP	--	89.39	--
MW-48	9/8/2015	97.61	8.33	NP	--	89.28	--
MW-48	9/21/2015	97.61	8.43	NP	--	89.18	--
MW-48	10/5/2015	97.61	--	--	--	--	NG
MW-48	10/12/2015	97.61	8.61	NP	--	89.00	--
MW-48	10/19/2015	97.61	8.62	NP	--	88.99	--
MW-48	11/2/2015	97.61	8.51	NP	--	89.10	--
MW-48	11/16/2015	97.61	8.08	NP	--	89.53	--
MW-48	11/30/2015	97.61	7.57	NP	--	90.04	--
MW-48	1/18/2016	97.61	5.20	NP	--	92.41	--
MW-48	2/1/2016	97.61	4.61	NP	--	93.00	--
MW-48	2/15/2016	97.61	3.92	NP	--	93.69	--
MW-48	3/7/2016	97.61	4.43	NP	--	93.18	--
MW-48	3/29/2016	97.61	4.42	NP	--	93.19	--
MW-48	4/5/2016	97.61	--	--	--	--	NG
MW-48	4/19/2016	97.61	5.10	NP	--	92.51	--
MW-48	5/10/2016	97.61	5.73	NP	--	91.88	--
MW-48	5/24/2016	97.61	6.06	NP	--	91.55	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-48	6/7/2016	97.61	6.31	NP	--	91.30	--
MW-48	6/21/2016	97.61	6.52	NP	--	91.09	--
MW-48	7/19/2016	97.61	6.86	NP	--	90.75	--
MW-48	8/23/2016	97.61	7.49	NP	--	90.12	--
MW-48	9/20/2016	97.61	7.73	NP	--	89.88	--
MW-48	11/8/2016	97.61	7.38	NP	--	90.23	--
MW-48	12/6/2016	97.61	6.60	NP	--	91.01	--
MW-48	3/21/2017	97.61	4.28	NP	--	93.33	--
MW-48	4/27/2017	97.61	5.16	NP	--	92.45	--
MW-48	5/30/2017	97.61	5.86	NP	--	91.75	--
MW-48	6/27/2017	97.61	6.56	NP	--	91.05	--
MW-48	8/3/2017	97.61	7.31	NP	--	90.30	--
MW-48	8/31/2017	97.61	7.87	NP	--	89.74	--
MW-48	9/26/2017	97.61	8.27	NP	--	89.34	--
MW-48	11/29/2017	97.61	7.78	NP	--	89.83	--
MW-48	2/27/2018	97.61	4.17	NP	--	93.44	--
MW-48	6/12/2018	97.61	6.36	NP	--	91.25	--
MW-48	8/29/2018	97.61	7.88	NP	--	89.73	--
MW-48	11/6/2018	97.61	8.28	NP	--	89.33	--
MW-48	3/6/2019	97.61	6.60	NP	--	91.01	--
MW-48	5/28/2019	97.61	6.93	NP	--	90.68	--
MW-48	9/3/2019	97.61	8.34	NP	--	89.27	--
MW-48	11/19/2019	97.61	7.59	NP	--	90.02	--
MW-49	12/22/2014	98.11	6.41	NP	--	91.70	--
MW-49	12/29/2014	98.11	5.92	NP	--	92.19	--
MW-49	1/5/2015	98.11	5.26	NP	--	92.85	--
MW-49	1/12/2015	98.11	5.10	NP	--	93.01	--
MW-49	1/13/2015	98.11	5.10	NP	--	93.01	--
MW-49	1/19/2015	98.11	5.03	NP	--	93.08	--
MW-49	1/26/2015	98.11	4.82	NP	--	93.29	--
MW-49	2/2/2015	98.11	5.18	NP	--	92.93	--
MW-49	2/9/2015	98.11	4.89	NP	--	93.22	--
MW-49	2/16/2015	98.11	4.88	NP	--	93.23	--
MW-49	2/23/2015	98.11	5.26	NP	--	92.85	--
MW-49	3/2/2015	98.11	5.39	NP	--	92.72	--
MW-49	3/9/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/16/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/23/2015	98.11	5.53	NP	--	92.58	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-49	3/30/2015	98.11	5.53	NP	--	92.58	--
MW-49	4/6/2015	98.11	5.87	NP	--	92.24	--
MW-49	4/22/2015	98.11	6.40	NP	--	91.71	--
MW-49	5/4/2015	98.11	6.62	NP	--	91.49	--
MW-49	5/18/2015	98.11	6.90	NP	--	91.21	--
MW-49	6/1/2015	98.11	7.23	NP	--	90.88	--
MW-49	6/15/2015	98.11	7.47	NP	--	90.64	--
MW-49	6/19/2015	98.11	7.55	NP	--	90.56	--
MW-49	6/29/2015	98.11	7.77	NP	--	90.34	--
MW-49	7/13/2015	98.11	8.01	NP	--	90.10	--
MW-49	7/28/2015	98.11	8.29	NP	--	89.82	--
MW-49	8/10/2015	98.11	8.56	NP	--	89.55	--
MW-49	8/24/2015	98.11	8.82	NP	--	89.29	--
MW-49	9/8/2015	98.11	8.94	NP	--	89.17	--
MW-49	9/21/2015	98.11	9.00	NP	--	89.11	--
MW-49	10/5/2015	98.11	9.14	NP	--	88.97	--
MW-49	10/12/2015	98.11	9.14	NP	--	88.97	--
MW-49	10/19/2015	98.11	9.19	NP	--	88.92	--
MW-49	11/2/2015	98.11	9.11	NP	--	89.00	--
MW-49	11/16/2015	98.11	8.60	NP	--	89.51	--
MW-49	11/30/2015	98.11	8.02	NP	--	90.09	--
MW-49	1/18/2016	98.11	5.80	NP	--	92.31	--
MW-49	2/1/2016	98.11	5.25	NP	--	92.86	--
MW-49	2/15/2016	98.11	4.69	NP	--	93.42	--
MW-49	3/7/2016	98.11	4.96	NP	--	93.15	--
MW-49	3/29/2016	98.11	5.05	NP	--	93.06	--
MW-49	4/5/2016	98.11	--	--	--	--	NG
MW-49	4/19/2016	98.11	5.66	NP	--	92.45	--
MW-49	5/10/2016	98.11	6.28	NP	--	91.83	--
MW-49	5/24/2016	98.11	6.63	NP	--	91.48	--
MW-49	6/7/2016	98.11	6.91	NP	--	91.20	--
MW-49	6/21/2016	98.11	7.11	NP	--	91.00	--
MW-49	7/19/2016	98.11	7.45	NP	--	90.66	--
MW-49	8/23/2016	98.11	8.08	NP	--	90.03	--
MW-49	9/20/2016	98.11	8.30	NP	--	89.81	--
MW-49	11/8/2016	98.11	8.00	NP	--	90.11	--
MW-49	12/6/2016	98.11	7.19	NP	--	90.92	--
MW-49	3/21/2017	98.11	4.95	NP	--	93.16	--
MW-49	4/27/2017	98.11	5.71	NP	--	92.40	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-49	5/30/2017	98.11	6.45	NP	--	91.66	--
MW-49	6/27/2017	98.11	7.16	NP	--	90.95	--
MW-49	8/3/2017	98.11	7.92	NP	--	90.19	--
MW-49	8/31/2017	98.11	8.49	NP	--	89.62	--
MW-49	9/26/2017	98.11	8.88	NP	--	89.23	--
MW-49	11/29/2017	98.11	8.42	NP	--	89.69	--
MW-49	2/27/2018	98.11	4.81	NP	--	93.30	--
MW-49	6/12/2018	98.11	6.99	NP	--	91.12	--
MW-49	8/29/2018	98.11	8.50	NP	--	89.61	--
MW-49	11/6/2018	98.11	8.91	NP	--	89.20	--
MW-49	3/6/2019	98.11	7.20	NP	--	90.91	--
MW-49	5/28/2019	98.11	7.52	NP	--	90.59	--
MW-49	9/3/2019	98.11	8.94	NP	--	89.17	--
MW-49	11/19/2019	98.11	8.15	NP	--	89.96	--
MW-50	12/22/2014	98.05	5.90	NP	--	92.15	--
MW-50	12/29/2014	98.05	5.47	NP	--	92.58	--
MW-50	1/5/2015	98.05	5.08	NP	--	92.97	--
MW-50	1/12/2015	98.05	4.69	NP	--	93.36	--
MW-50	1/19/2015	98.05	4.80	NP	--	93.25	--
MW-50	1/26/2015	98.05	4.50	NP	--	93.55	--
MW-50	2/2/2015	98.05	4.85	NP	--	93.20	--
MW-50	2/9/2015	98.05	4.63	NP	--	93.42	--
MW-50	2/16/2015	98.05	4.57	NP	--	93.48	--
MW-50	2/23/2015	98.05	4.93	NP	--	93.12	--
MW-50	3/2/2015	98.05	5.07	NP	--	92.98	--
MW-50	3/9/2015	98.05	5.37	NP	--	92.68	--
MW-50	3/16/2015	98.05	5.50	NP	--	92.55	--
MW-50	3/23/2015	98.05	5.22	NP	--	92.83	--
MW-50	3/30/2015	98.05	5.22	NP	--	92.83	--
MW-50	4/6/2015	98.05	5.55	NP	--	92.50	--
MW-50	4/22/2015	98.05	6.11	NP	--	91.94	--
MW-50	5/4/2015	98.05	6.33	NP	--	91.72	--
MW-50	5/18/2015	98.05	6.63	NP	--	91.42	--
MW-50	6/1/2015	98.05	6.96	NP	--	91.09	--
MW-50	6/15/2015	98.05	7.21	NP	--	90.84	--
MW-50	6/19/2015	98.05	7.29	NP	--	90.76	--
MW-50	6/29/2015	98.05	7.50	NP	--	90.55	--
MW-50	7/13/2015	98.05	7.73	NP	--	90.32	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-50	7/28/2015	98.05	7.98	NP	--	90.07	--
MW-50	8/10/2015	98.05	8.21	NP	--	89.84	--
MW-50	8/24/2015	98.05	8.41	NP	--	89.64	--
MW-50	9/8/2015	98.05	8.60	NP	--	89.45	--
MW-50	9/21/2015	98.05	8.65	NP	--	89.40	--
MW-50	10/5/2015	98.05	8.75	NP	--	89.30	--
MW-50	10/12/2015	98.05	8.76	NP	--	89.29	--
MW-50	10/19/2015	98.05	8.80	NP	--	89.25	--
MW-50	11/2/2015	98.05	8.80	NP	--	89.25	--
MW-50	11/16/2015	98.05	8.29	NP	--	89.76	--
MW-50	11/30/2015	98.05	7.16	NP	--	90.89	--
MW-50	1/18/2016	98.05	5.37	NP	--	92.68	--
MW-50	2/1/2016	98.05	4.82	NP	--	93.23	--
MW-50	2/15/2016	98.05	--	--	--	--	NG
MW-50	3/7/2016	98.05	4.60	NP	--	93.45	--
MW-50	3/29/2016	98.05	4.75	NP	--	93.30	--
MW-50	4/5/2016	98.05	--	--	--	--	NG
MW-50	4/19/2016	98.05	5.32	NP	--	92.73	--
MW-50	5/10/2016	98.05	5.95	NP	--	92.10	--
MW-50	5/24/2016	98.05	6.33	NP	--	91.72	--
MW-50	6/7/2016	98.05	6.63	NP	--	91.42	--
MW-50	6/21/2016	98.05	6.86	NP	--	91.19	--
MW-50	7/19/2016	98.05	7.20	NP	--	90.85	--
MW-50	8/23/2016	98.05	7.81	NP	--	90.24	--
MW-50	9/20/2016	98.05	7.98	NP	--	90.07	--
MW-50	11/8/2016	98.05	7.45	NP	--	90.60	--
MW-50	12/6/2016	98.05	6.40	NP	--	91.65	--
MW-50	3/21/2017	98.05	4.80	NP	--	93.25	--
MW-50	4/27/2017	98.05	5.39	NP	--	92.66	--
MW-50	5/30/2017	98.05	6.13	NP	--	91.92	--
MW-50	6/27/2017	98.05	6.90	NP	--	91.15	--
MW-50	8/3/2017	98.05	7.65	NP	--	90.40	--
MW-50	8/31/2017	98.05	8.18	NP	--	89.87	--
MW-50	9/26/2017	98.05	8.52	NP	--	89.53	--
MW-50	11/29/2017	98.05	8.06	NP	--	89.99	--
MW-50	2/27/2018	98.05	4.31	NP	--	93.74	--
MW-50	6/12/2018	98.05	6.68	NP	--	91.37	--
MW-50	8/29/2018	98.05	8.20	NP	--	89.85	--
MW-50	11/6/2018	98.05	8.68	NP	--	89.37	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-50	3/6/2019	98.05	6.70	NP	--	91.35	--
MW-50	5/28/2019	98.05	7.29	NP	--	90.76	--
MW-50	9/3/2019	98.05	8.58	NP	--	89.47	--
MW-50	11/19/2019	98.05	7.71	NP	--	90.34	--
MW-51	12/22/2014	96.86	3.17	NP	--	93.69	--
MW-51	12/29/2014	96.86	2.72	NP	--	94.14	--
MW-51	1/5/2015	96.86	1.92	NP	--	94.94	--
MW-51	1/12/2015	96.86	2.17	NP	--	94.69	--
MW-51	1/13/2015	96.86	2.17	NP	--	94.69	--
MW-51	1/19/2015	96.86	2.64	NP	--	94.22	--
MW-51	1/26/2015	96.86	2.05	NP	--	94.81	--
MW-51	2/2/2015	96.86	2.89	NP	--	93.97	--
MW-51	2/9/2015	96.86	2.30	NP	--	94.56	--
MW-51	2/16/2015	96.86	2.28	NP	--	94.58	--
MW-51	2/23/2015	96.86	2.83	NP	--	94.03	--
MW-51	3/2/2015	96.86	2.98	NP	--	93.88	--
MW-51	3/9/2015	96.86	3.64	NP	--	93.22	--
MW-51	3/16/2015	96.86	3.35	NP	--	93.51	--
MW-51	3/23/2015	96.86	2.93	NP	--	93.93	--
MW-51	3/30/2015	96.86	3.09	NP	--	93.77	--
MW-51	4/6/2015	96.86	3.80	NP	--	93.06	--
MW-51	4/22/2015	96.86	4.84	NP	--	92.02	--
MW-51	5/4/2015	96.86	5.17	NP	--	91.69	--
MW-51	5/18/2015	96.86	5.71	NP	--	91.15	--
MW-51	6/1/2015	96.86	6.31	NP	--	90.55	--
MW-51	6/15/2015	96.86	6.74	NP	--	90.12	--
MW-51	6/19/2015	96.86	6.89	NP	--	89.97	--
MW-51	6/29/2015	96.86	7.25	NP	--	89.61	--
MW-51	7/13/2015	96.86	7.66	NP	--	89.20	--
MW-51	7/28/2015	96.86	8.05	NP	--	88.81	--
MW-51	8/10/2015	96.86	8.38	NP	--	88.48	--
MW-51	8/24/2015	96.86	8.76	NP	--	88.10	--
MW-51	9/8/2015	96.86	8.46	NP	--	88.40	--
MW-51	9/21/2015	96.86	8.40	NP	--	88.46	--
MW-51	10/5/2015	96.86	8.47	NP	--	88.39	--
MW-51	10/12/2015	96.86	8.43	NP	--	88.43	--
MW-51	10/19/2015	96.86	8.40	NP	--	88.46	--
MW-51	11/2/2015	96.86	8.00	NP	--	88.86	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-51	11/16/2015	96.86	6.08	NP	--	90.78	--
MW-51	11/30/2015	96.86	5.20	NP	--	91.66	--
MW-51	1/18/2016	96.86	3.25	NP	--	93.61	--
MW-51	2/1/2016	96.86	2.63	NP	--	94.23	--
MW-51	2/15/2016	96.86	1.77	NP	--	95.09	--
MW-51	3/7/2016	96.86	2.28	NP	--	94.58	--
MW-51	3/29/2016	96.86	2.83	NP	--	94.03	--
MW-51	4/5/2016	96.86	--	--	--	--	NG
MW-51	4/19/2016	96.86	3.88	NP	--	92.98	--
MW-51	5/10/2016	96.86	5.05	NP	--	91.81	--
MW-51	5/24/2016	96.86	5.62	NP	--	91.24	--
MW-51	6/7/2016	96.86	6.02	NP	--	90.84	--
MW-51	6/21/2016	96.86	6.07	NP	--	90.79	--
MW-51	7/19/2016	96.86	6.77	NP	--	90.09	--
MW-51	8/23/2016	96.86	7.70	NP	--	89.16	--
MW-51	9/20/2016	96.86	7.44	NP	--	89.42	--
MW-51	11/8/2016	96.86	5.01	NP	--	91.85	--
MW-51	12/6/2016	96.86	3.24	NP	--	93.62	--
MW-51	3/21/2017	96.86	2.47	NP	--	94.39	--
MW-51	4/27/2017	96.86	3.64	NP	--	93.22	--
MW-51	5/30/2017	96.86	5.01	NP	--	91.85	--
MW-51	6/27/2017	96.86	6.35	NP	--	90.51	--
MW-51	8/3/2017	96.86	7.47	NP	--	89.39	--
MW-51	9/26/2017	96.86	8.54	NP	--	88.32	--
MW-51	11/29/2017	96.86	5.17	NP	--	91.69	--
MW-51	2/27/2018	96.86	2.51	NP	--	94.35	--
MW-51	6/12/2018	96.86	6.11	NP	--	90.75	--
MW-51	8/29/2018	96.86	8.62	NP	--	88.24	--
MW-51	11/6/2018	96.86	7.65	NP	--	89.21	--
MW-51	3/6/2019	96.86	4.36	NP	--	92.50	--
MW-51	5/28/2019	96.86	6.41	NP	--	90.45	--
MW-51	9/3/2019	96.86	8.74	NP	--	88.12	--
MW-51	11/19/2019	96.86	5.40	NP	--	91.46	--
MW-52	12/22/2014	97.79	5.04	NP	--	92.75	--
MW-52	12/29/2014	97.79	5.28	NP	--	92.51	--
MW-52	1/5/2015	97.79	4.59	NP	--	93.20	--
MW-52	1/12/2015	97.79	4.55	NP	--	93.24	--
MW-52	1/13/2015	97.79	4.55	NP	--	93.24	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-52	1/19/2015	97.79	4.51	NP	--	93.28	--
MW-52	1/26/2015	97.79	4.21	NP	--	93.58	--
MW-52	2/2/2015	97.79	4.78	NP	--	93.01	--
MW-52	2/9/2015	97.79	4.19	NP	--	93.60	--
MW-52	2/16/2015	97.79	4.28	NP	--	93.51	--
MW-52	2/23/2015	97.79	4.82	NP	--	92.97	--
MW-52	3/2/2015	97.79	4.86	NP	--	92.93	--
MW-52	3/9/2015	97.79	5.26	NP	--	92.53	--
MW-52	3/16/2015	97.79	5.18	NP	--	92.61	--
MW-52	3/23/2015	97.79	4.85	NP	--	92.94	--
MW-52	3/30/2015	97.79	4.91	NP	--	92.88	--
MW-52	4/6/2015	97.79	5.28	NP	--	92.51	--
MW-52	4/22/2015	97.79	5.90	NP	--	91.89	--
MW-52	5/4/2015	97.79	6.12	NP	--	91.67	--
MW-52	5/18/2015	97.79	6.43	NP	--	91.36	--
MW-52	6/1/2015	97.79	6.82	NP	--	90.97	--
MW-52	6/15/2015	97.79	7.04	NP	--	90.75	--
MW-52	6/19/2015	97.79	7.13	NP	--	90.66	--
MW-52	6/29/2015	97.79	7.45	NP	--	90.34	--
MW-52	7/13/2015	97.79	7.75	NP	--	90.04	--
MW-52	7/28/2015	97.79	8.13	NP	--	89.66	--
MW-52	8/10/2015	97.79	8.64	NP	--	89.15	--
MW-52	8/24/2015	97.79	9.15	NP	--	88.64	--
MW-52	9/8/2015	97.79	8.56	NP	--	89.23	--
MW-52	9/21/2015	97.79	8.62	NP	--	89.17	--
MW-52	10/5/2015	97.79	8.91	NP	--	88.88	--
MW-52	10/12/2015	97.79	8.95	NP	--	88.84	--
MW-52	10/19/2015	97.79	9.03	NP	--	88.76	--
MW-52	11/2/2015	97.79	8.61	NP	--	89.18	--
MW-52	11/16/2015	97.79	6.95	NP	--	90.84	--
MW-52	11/30/2015	97.79	6.55	NP	--	91.24	--
MW-52	1/18/2016	97.79	4.83	NP	--	92.96	--
MW-52	2/1/2016	97.79	4.00	NP	--	93.79	--
MW-52	2/15/2016	97.79	3.31	NP	--	94.48	--
MW-52	3/7/2016	97.79	4.16	NP	--	93.63	--
MW-52	3/29/2016	97.79	4.00	NP	--	93.79	--
MW-52	4/5/2016	97.79	--	--	--	--	NG
MW-52	4/19/2016	97.79	4.90	NP	--	92.89	--
MW-52	5/10/2016	97.79	5.63	NP	--	92.16	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-52	5/24/2016	97.79	6.00	NP	--	91.79	--
MW-52	6/7/2016	97.79	6.29	NP	--	91.50	--
MW-52	6/21/2016	97.79	6.14	NP	--	91.65	--
MW-52	7/19/2016	97.79	6.84	NP	--	90.95	--
MW-52	8/23/2016	97.79	7.72	NP	--	90.07	--
MW-52	9/20/2016	97.79	7.46	NP	--	90.33	--
MW-52	11/8/2016	97.79	5.86	NP	--	91.93	--
MW-52	12/6/2016	97.79	4.92	NP	--	92.87	--
MW-52	3/21/2017	97.79	3.60	NP	--	94.19	--
MW-52	4/27/2017	97.79	4.79	NP	--	93.00	--
MW-52	5/30/2017	97.79	5.60	NP	--	92.19	--
MW-52	6/28/2017	97.79	6.51	NP	--	91.28	--
MW-52	8/3/2017	97.79	7.48	NP	--	90.31	--
MW-52	8/31/2017	97.79	8.11	NP	--	89.68	--
MW-52	9/26/2017	97.79	8.60	NP	--	89.19	--
MW-52	11/29/2017	97.79	6.17	NP	--	91.62	--
MW-52	2/27/2018	97.79	3.83	NP	--	93.96	--
MW-52	6/12/2018	97.79	6.24	NP	--	91.55	--
MW-52	8/29/2018	97.79	7.92	NP	--	89.87	--
MW-52	11/6/2018	97.79	7.22	NP	--	90.57	--
MW-52	3/6/2019	97.79	5.57	NP	--	92.22	--
MW-52	5/28/2019	97.79	6.63	NP	--	91.16	--
MW-52	9/3/2019	97.79	8.17	NP	--	89.62	--
MW-52	11/19/2019	97.79	5.94	NP	--	91.85	--
MW-53	12/22/2014	96.45	2.16	2.15	0.01	94.30	--
MW-53	12/29/2014	96.45	1.84	NP	--	94.61	--
MW-53	1/5/2015	96.45	--	--	--	--	NG
MW-53	1/12/2015	96.45	1.94	NP	--	94.51	--
MW-53	1/19/2015	96.45	2.00	NP	--	94.45	--
MW-53	1/26/2015	96.45	1.87	NP	--	94.58	--
MW-53	2/2/2015	96.45	2.10	NP	--	94.35	--
MW-53	2/9/2015	96.45	2.08	NP	--	94.37	--
MW-53	2/16/2015	96.45	1.88	NP	--	94.57	--
MW-53	2/23/2015	96.45	2.33	NP	--	94.12	--
MW-53	3/2/2015	96.45	2.51	NP	--	93.94	--
MW-53	3/9/2015	96.45	2.80	NP	--	93.65	--
MW-53	3/16/2015	96.45	2.51	NP	--	93.94	--
MW-53	3/23/2015	96.45	2.10	NP	--	94.35	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-53	3/30/2015	96.45	2.21	NP	--	94.24	--
MW-53	4/6/2015	96.45	2.77	NP	--	93.68	--
MW-53	4/22/2015	96.45	3.73	NP	--	92.72	--
MW-53	5/4/2015	96.45	4.18	NP	--	92.27	--
MW-53	5/18/2015	96.45	4.36	NP	--	92.09	--
MW-53	6/1/2015	96.45	5.12	NP	--	91.33	--
MW-53	6/15/2015	96.45	5.68	NP	--	90.77	--
MW-53	6/19/2015	96.45	5.81	NP	--	90.64	--
MW-53	6/29/2015	96.45	6.20	NP	--	90.25	--
MW-53	7/13/2015	96.45	6.58	NP	--	89.87	--
MW-53	7/28/2015	96.45	6.82	NP	--	89.63	--
MW-53	8/10/2015	96.45	7.08	NP	--	89.37	--
MW-53	8/24/2015	96.45	7.30	NP	--	89.15	--
MW-53	9/8/2015	96.45	6.95	NP	--	89.50	--
MW-53	9/21/2015	96.45	6.72	NP	--	89.73	--
MW-53	10/5/2015	96.45	6.81	NP	--	89.64	--
MW-53	10/12/2015	96.45	6.85	NP	--	89.60	--
MW-53	10/19/2015	96.45	6.93	NP	--	89.52	--
MW-53	11/2/2015	96.45	6.64	NP	--	89.81	--
MW-53	11/16/2015	96.45	4.30	NP	--	92.15	--
MW-53	11/30/2015	96.45	4.54	NP	--	91.91	--
MW-53	1/18/2016	96.45	2.49	NP	--	93.96	--
MW-53	2/1/2016	96.45	1.76	NP	--	94.69	--
MW-53	2/15/2016	96.45	--	--	--	--	NG
MW-53	3/7/2016	96.45	2.75	NP	--	93.70	--
MW-53	3/29/2016	96.45	2.60	NP	--	93.85	--
MW-53	4/5/2016	96.45	--	--	--	--	NG
MW-53	4/19/2016	96.45	3.61	NP	--	92.84	--
MW-53	5/10/2016	96.45	4.30	NP	--	92.15	--
MW-53	5/24/2016	96.45	4.70	NP	--	91.75	--
MW-53	6/7/2016	96.45	4.96	NP	--	91.49	--
MW-53	6/21/2016	96.45	4.64	NP	--	91.81	--
MW-53	7/19/2016	96.45	5.64	NP	--	90.81	--
MW-53	8/23/2016	96.45	6.56	NP	--	89.89	--
MW-53	9/20/2016	96.45	5.88	NP	--	90.57	--
MW-53	11/8/2016	96.45	2.65	NP	--	93.80	--
MW-53	12/6/2016	96.45	2.15	NP	--	94.30	--
MW-53	3/21/2017	96.45	1.48	NP	--	94.97	--
MW-53	4/27/2017	96.45	--	--	--	--	WI

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-53	5/30/2017	96.45	4.18	NP	--	92.27	--
MW-53	6/28/2017	96.45	5.27	NP	--	91.18	--
MW-53	8/3/2017	96.45	6.42	NP	--	90.03	--
MW-53	8/31/2017	96.45	7.02	NP	--	89.43	--
MW-53	9/26/2017	96.45	7.28	NP	--	89.17	--
MW-53	11/29/2017	96.45	3.92	NP	--	92.53	--
MW-53	2/27/2018	96.45	2.08	NP	--	94.37	--
MW-53	6/12/2018	96.45	5.11	5.10	0.01	91.35	--
MW-53	8/29/2018	96.45	7.06	7.03	0.03	89.41	--
MW-53	9/21/2018	96.45	7.33	NP	--	89.12	--
MW-53	11/6/2018	96.45	6.71	NP	--	89.74	--
MW-53	11/28/2018	96.45	5.20	NP	--	91.25	--
MW-53	3/6/2019	96.45	3.85	NP	--	92.60	--
MW-53	5/28/2019	96.45	5.42	NP	--	91.03	--
MW-53	9/3/2019	96.45	7.11	NP	--	89.34	--
MW-53	11/19/2019	96.45	3.90	NP	--	92.55	--
MW-54	6/23/1992	101.75	8.00	NP	--	93.75	--
MW-54	7/2/1992	101.75	7.91	NP	--	93.84	--
MW-54	8/17/1992	101.75	8.45	NP	--	93.30	--
MW-54	9/30/1992	101.75	8.81	NP	--	92.94	--
MW-54	10/30/1992	101.75	8.57	NP	--	93.18	--
MW-54	11/30/1992	101.75	7.79	NP	--	93.96	--
MW-54	4/16/1993	101.75	7.79	NP	--	93.96	--
MW-54	10/3/2000	101.75	--	--	--	--	Dry
MW-54	2/28/2001	101.75	6.97	NP	--	94.78	--
MW-54	5/30/2001	101.75	7.66	NP	--	94.09	--
MW-54	8/22/2001	101.75	--	--	--	--	Dry
MW-54	11/21/2001	101.75	7.46	NP	--	94.29	--
MW-54	2/20/2002	101.75	5.56	NP	--	96.19	--
MW-54	5/16/2002	101.75	6.67	NP	--	95.08	--
MW-54	8/2/2002	101.75	--	--	--	--	Dry
MW-54	12/19/2002	101.75	--	--	--	--	Dry
MW-54	5/19/2003	101.75	7.53	NP	--	94.22	--
MW-54	11/13/2003	101.75	8.75	NP	--	93.00	--
MW-54	6/4/2004	101.75	7.55	NP	--	94.20	--
MW-54	10/7/2004	101.75	8.18	NP	--	93.57	--
MW-54	4/28/2005	101.75	6.20	NP	--	95.55	--
MW-54	11/16/2005	101.75	7.42	NP	--	94.33	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	6/13/2006	101.75	7.84	NP	--	93.91	--
MW-54	2/26/2007	101.75	4.91	NP	--	96.84	--
MW-54	5/9/2007	101.75	7.23	NP	--	94.52	--
MW-54	7/16/2007	101.75	9.11	NP	--	92.64	--
MW-54	8/22/2007	101.75	--	--	--	--	Dry
MW-54	9/25/2007	101.75	--	--	--	--	Dry
MW-54	10/25/2007	101.75	8.66	NP	--	93.09	--
MW-54	11/9/2007	101.75	8.64	NP	--	93.11	--
MW-54	12/3/2007	101.75	7.97	NP	--	93.78	--
MW-54	1/17/2008	101.75	5.94	NP	--	95.81	--
MW-54	4/7/2008	101.75	5.76	NP	--	95.99	--
MW-54	7/22/2008	101.75	8.60	NP	--	93.15	--
MW-54	10/21/2008	101.75	--	--	--	--	Dry
MW-54	3/17/2010	101.75	6.77	NP	--	94.98	--
MW-54	9/15/2010	101.75	--	--	--	--	Dry
MW-54	3/4/2011	101.75	5.02	NP	--	96.73	--
MW-54	8/24/2011	101.75	--	--	--	--	Dry
MW-54	5/10/2012	101.75	5.70	NP	--	96.05	--
MW-54	11/15/2012	101.75	--	--	--	--	DryWI
MW-54	3/27/2013	101.75	5.90	NP	--	95.85	--
MW-54	12/17/2013	101.75	--	--	--	--	Dry
MW-54	6/24/2014	101.75	--	--	--	--	Dry
MW-54	11/7/2014	101.75	7.63	NP	--	94.12	--
MW-54	11/8/2014	101.75	7.73	NP	--	94.02	--
MW-54	11/8/2014	101.75	8.59	NP	--	93.16	--
MW-54	11/9/2014	101.75	7.65	NP	--	94.10	--
MW-54	11/10/2014	101.75	7.46	NP	--	94.29	--
MW-54	11/10/2014	101.75	7.92	NP	--	93.83	--
MW-54	11/10/2014	101.75	8.31	NP	--	93.44	--
MW-54	11/10/2014	101.75	8.42	NP	--	93.33	--
MW-54	11/11/2014	101.75	7.43	NP	--	94.32	--
MW-54	11/11/2014	101.75	7.57	NP	--	94.18	--
MW-54	11/12/2014	101.75	7.45	NP	--	94.30	--
MW-54	11/13/2014	101.75	7.48	NP	--	94.27	--
MW-54	11/14/2014	101.75	7.55	NP	--	94.20	--
MW-54	11/17/2014	101.75	7.70	NP	--	94.05	--
MW-54	11/18/2014	101.75	7.74	NP	--	94.01	--
MW-54	11/19/2014	101.75	7.75	NP	--	94.00	--
MW-54	12/1/2014	99.20	6.59	NP	--	92.61	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	12/8/2014	99.20	6.62	NP	--	92.58	--
MW-54	12/15/2014	99.20	6.08	NP	--	93.12	--
MW-54	12/22/2014	99.20	6.04	NP	--	93.16	--
MW-54	12/29/2014	99.20	5.40	NP	--	93.80	--
MW-54	1/5/2015	99.20	4.50	NP	--	94.70	--
MW-54	1/12/2015	99.20	4.96	NP	--	94.24	--
MW-54	1/13/2015	99.20	4.96	NP	--	94.24	--
MW-54	1/19/2015	99.20	5.07	NP	--	94.13	--
MW-54	1/26/2015	99.20	4.67	NP	--	94.53	--
MW-54	2/2/2015	99.20	5.47	NP	--	93.73	--
MW-54	2/9/2015	99.20	4.80	NP	--	94.40	--
MW-54	2/16/2015	99.20	4.95	NP	--	94.25	--
MW-54	2/23/2015	99.20	5.47	NP	--	93.73	--
MW-54	3/2/2015	99.20	5.62	NP	--	93.58	--
MW-54	3/9/2015	99.20	6.12	NP	--	93.08	--
MW-54	3/16/2015	99.20	6.12	NP	--	93.08	--
MW-54	3/23/2015	99.20	5.65	NP	--	93.55	--
MW-54	3/30/2015	99.20	5.76	NP	--	93.44	--
MW-54	4/6/2015	99.20	6.28	NP	--	92.92	--
MW-54	4/22/2015	99.20	7.17	NP	--	92.03	--
MW-54	5/4/2015	99.20	6.47	NP	--	92.73	--
MW-54	5/18/2015	99.20	7.96	NP	--	91.24	--
MW-54	6/1/2015	99.20	8.48	NP	--	90.72	--
MW-54	6/15/2015	99.20	8.91	NP	--	90.29	--
MW-54	6/19/2015	99.20	9.04	NP	--	90.16	--
MW-54	6/29/2015	99.20	9.38	NP	--	89.82	--
MW-54	7/13/2015	99.20	--	--	--	--	Dry
MW-54	7/28/2015	99.20	--	--	--	--	Dry
MW-54	8/10/2015	99.20	--	--	--	--	Dry
MW-54	8/24/2015	99.20	--	--	--	--	Dry
MW-54	9/8/2015	99.20	--	--	--	--	Dry
MW-54	9/21/2015	99.20	--	--	--	--	Dry
MW-54	10/5/2015	99.20	--	--	--	--	Dry
MW-54	10/12/2015	99.20	--	--	--	--	Dry
MW-54	10/19/2015	99.20	--	--	--	--	Dry
MW-54	11/2/2015	99.20	--	--	--	--	Dry
MW-54	11/16/2015	99.20	8.99	NP	--	90.21	--
MW-54	11/30/2015	99.20	7.70	NP	--	91.50	--
MW-54	1/18/2016	99.20	5.90	NP	--	93.30	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	2/1/2016	99.20	5.15	NP	--	94.05	--
MW-54	2/15/2016	99.20	4.67	NP	--	94.53	--
MW-54	3/7/2016	99.20	5.25	NP	--	93.95	--
MW-54	3/29/2016	99.20	5.27	NP	--	93.93	--
MW-54	4/5/2016	99.20	--	--	--	--	NG
MW-54	4/19/2016	99.20	6.31	NP	--	92.89	--
MW-54	5/10/2016	99.20	7.31	NP	--	91.89	--
MW-54	5/24/2016	99.20	7.83	NP	--	91.37	--
MW-54	6/7/2016	99.20	8.23	NP	--	90.97	--
MW-54	6/21/2016	99.20	8.37	NP	--	90.83	--
MW-54	7/19/2016	99.20	--	--	--	--	Dry
MW-54	8/23/2016	99.20	--	--	--	--	Dry
MW-54	9/20/2016	99.20	--	--	--	--	Dry
MW-54	11/8/2016	99.20	7.73	NP	--	91.47	--
MW-54	12/6/2016	99.20	--	--	--	--	Dry
MW-54	3/21/2017	99.20	4.77	NP	--	94.43	Dry
MW-54	4/27/2017	99.20	6.14	NP	--	93.06	Dry
MW-54	5/30/2017	99.20	7.30	NP	--	91.90	Dry
MW-54	6/28/2017	99.20	8.49	NP	--	90.71	Dry
MW-54	8/3/2017	99.20	--	--	--	--	Dry
MW-54	8/31/2017	99.20	--	--	--	--	Dry
MW-54	11/29/2017	99.20	8.09	NP	--	91.11	--
MW-54	2/27/2018	99.20	4.87	NP	--	94.33	--
MW-54	6/12/2018	99.20	8.33	NP	--	90.87	--
MW-54	8/29/2018	99.20	--	--	--	--	Dry
MW-54	11/6/2018	99.20	--	--	--	--	Dry
MW-54	3/6/2019	99.20	7.03	NP	--	92.17	--
MW-54	5/28/2019	99.20	--	--	--	--	Dry
MW-54	9/3/2019	99.20	--	--	--	--	Dry
MW-54	11/19/2019	99.20	8.17	NP	--	91.03	--
MW-55	10/5/2015	--	--	--	--	--	NG
MW-55	10/12/2015	--	7.82	NP	--	--	--
MW-55	10/19/2015	--	7.94	NP	--	--	--
MW-55	11/2/2015	96.13	7.39	NP	--	88.74	--
MW-55	11/16/2015	96.13	2.75	NP	--	93.38	--
MW-55	11/30/2015	96.13	3.70	NP	--	92.43	--
MW-55	1/18/2016	96.13	2.75	NP	--	93.38	--
MW-55	2/1/2016	96.13	1.60	NP	--	94.53	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-55	2/15/2016	96.13	--	--	--	--	NG
MW-55	3/7/2016	96.13	1.30	NP	--	94.83	--
MW-55	3/29/2016	96.13	1.75	NP	--	94.38	--
MW-55	4/5/2016	96.13	1.92	NP	--	94.21	--
MW-55	4/19/2016	96.13	3.29	NP	--	92.84	--
MW-55	5/10/2016	96.13	4.45	NP	--	91.68	--
MW-55	5/24/2016	96.13	4.84	NP	--	91.29	--
MW-55	6/7/2016	96.13	5.31	NP	--	90.82	--
MW-55	6/21/2016	96.13	5.34	NP	--	90.79	--
MW-55	7/19/2016	96.13	6.13	NP	--	90.00	--
MW-55	8/23/2016	96.13	7.03	NP	--	89.10	--
MW-55	9/20/2016	96.13	6.62	NP	--	89.51	--
MW-55	11/8/2016	96.13	2.94	NP	--	93.19	--
MW-55	12/6/2016	96.13	2.60	NP	--	93.53	--
MW-55	3/21/2017	96.13	1.60	NP	--	94.53	--
MW-55	4/27/2017	96.13	2.92	NP	--	93.21	--
MW-55	5/30/2017	96.13	4.34	NP	--	91.79	--
MW-55	6/28/2017	96.13	5.64	NP	--	90.49	--
MW-55	8/3/2017	96.13	6.77	NP	--	89.36	--
MW-55	8/31/2017	96.13	7.47	NP	--	88.66	--
MW-55	9/26/2017	96.13	7.80	NP	--	88.33	--
MW-55	11/29/2017	96.13	3.64	NP	--	92.49	--
MW-55	2/27/2018	96.13	2.55	NP	--	93.58	--
MW-55	6/12/2018	96.13	5.57	NP	--	90.56	--
MW-55	8/29/2018	96.13	7.63	NP	--	88.50	--
MW-55	11/6/2018	96.13	7.09	NP	--	89.04	--
MW-55	3/6/2019	96.13	3.55	NP	--	92.58	--
MW-55	5/28/2019	96.13	5.74	NP	--	90.39	--
MW-55	9/3/2019	96.13	8.08	NP	--	88.05	--
MW-55	11/19/2019	96.13	3.32	NP	--	92.81	--
MW-56	10/5/2015	--	--	--	--	--	NG
MW-56	10/12/2015	--	6.07	NP	--	--	--
MW-56	10/19/2015	--	6.09	NP	--	--	--
MW-56	11/2/2015	94.83	5.44	NP	--	89.39	--
MW-56	11/16/2015	94.83	0.95	NP	--	93.88	--
MW-56	11/30/2015	94.83	2.39	NP	--	92.44	--
MW-56	1/18/2016	94.83	0.32	NP	--	94.51	--
MW-56	2/1/2016	94.83	--	--	--	--	NG

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-56	2/15/2016	94.83	--	--	--	--	NG
MW-56	3/7/2016	94.83	0.30	NP	--	94.53	--
MW-56	3/29/2016	94.83	0.00	NP	--	94.83	--
MW-56	4/5/2016	94.83	0.15	NP	--	94.68	--
MW-56	4/19/2016	94.83	1.61	NP	--	93.22	--
MW-56	5/10/2016	94.83	3.15	NP	--	91.68	--
MW-56	5/24/2016	94.83	3.43	NP	--	91.40	--
MW-56	6/7/2016	94.83	3.92	NP	--	90.91	--
MW-56	6/21/2016	94.83	3.60	NP	--	91.23	--
MW-56	7/19/2016	94.83	4.68	NP	--	90.15	--
MW-56	8/23/2016	94.83	5.61	NP	--	89.22	--
MW-56	9/20/2016	94.83	4.86	NP	--	89.97	--
MW-56	11/8/2016	94.83	0.75	NP	--	94.08	--
MW-56	12/6/2016	94.83	0.25	NP	--	94.58	--
MW-56	3/21/2017	94.83	--	--	--	--	NG
MW-56	4/27/2017	94.83	1.20	NP	--	93.63	--
MW-56	5/30/2017	94.83	2.99	NP	--	91.84	--
MW-56	6/28/2017	94.83	4.25	NP	--	90.58	--
MW-56	8/3/2017	94.83	5.46	NP	--	89.37	--
MW-56	8/31/2017	94.83	6.09	NP	--	88.74	--
MW-56	9/26/2017	94.83	6.35	NP	--	88.48	--
MW-56	11/29/2017	94.83	1.10	NP	--	93.73	--
MW-56	2/27/2018	94.83	--	--	--	--	--
MW-56	6/12/2018	94.83	4.23	NP	--	90.60	--
MW-56	8/29/2018	94.83	6.23	NP	--	88.60	--
MW-56	11/6/2018	94.83	4.88	NP	--	89.95	--
MW-56	11/28/2018	94.83	3.87	NP	--	90.96	--
MW-56	3/6/2019	94.83	2.00	NP	--	92.83	--
MW-56	5/28/2019	94.83	4.35	NP	--	90.48	--
MW-56	9/3/2019	94.83	6.48	NP	--	88.35	--
MW-56	11/19/2019	94.83	0.65	NP	--	94.18	--
MW-57	10/5/2015	--	--	--	--	--	NG
MW-57	10/12/2015	--	5.48	NP	--	--	--
MW-57	10/19/2015	--	5.48	NP	--	--	--
MW-57	11/2/2015	94.03	4.60	NP	--	89.43	--
MW-57	11/16/2015	94.03	0.35	NP	--	93.68	--
MW-57	11/30/2015	94.03	0.73	NP	--	93.30	--
MW-57	1/18/2016	94.03	--	--	--	--	NG

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-57	2/1/2016	94.03	--	--	--	--	NG
MW-57	2/15/2016	94.03	--	--	--	--	NG
MW-57	3/7/2016	94.03	--	--	--	--	NG
MW-57	3/29/2016	94.03	--	--	--	--	NG
MW-57	4/5/2016	94.03	--	--	--	--	NG
MW-57	4/19/2016	94.03	0.65	NP	--	93.38	--
MW-57	5/10/2016	94.03	2.67	NP	--	91.36	--
MW-57	5/24/2016	94.03	3.04	NP	--	90.99	--
MW-57	6/7/2016	94.03	3.50	NP	--	90.53	--
MW-57	6/21/2016	94.03	3.19	NP	--	90.84	--
MW-57	7/19/2016	94.03	4.22	NP	--	89.81	--
MW-57	8/23/2016	94.03	5.20	NP	--	88.83	--
MW-57	9/20/2016	94.03	4.22	NP	--	89.81	--
MW-57	11/8/2016	94.03	0.85	NP	--	93.18	--
MW-57	12/6/2016	94.03	0.05	NP	--	93.98	--
MW-57	3/21/2017	94.03	--	--	--	--	NG
MW-57	4/27/2017	94.03	0.50	NP	--	93.53	--
MW-57	5/30/2017	94.03	2.38	NP	--	91.65	--
MW-57	6/28/2017	94.03	3.81	NP	--	90.22	--
MW-57	8/3/2017	94.03	5.02	NP	--	89.01	--
MW-57	8/31/2017	94.03	5.70	NP	--	88.33	--
MW-57	9/26/2017	94.03	5.93	NP	--	88.10	--
MW-57	11/29/2017	94.03	1.19	NP	--	92.84	--
MW-57	2/27/2018	94.03	--	--	--	--	WI
MW-57	6/12/2018	94.03	3.72	NP	--	90.31	--
MW-57	8/29/2018	94.03	5.83	NP	--	88.20	--
MW-57	11/6/2018	94.03	4.09	NP	--	89.94	--
MW-57	11/28/2018	94.03	3.27	NP	--	90.76	--
MW-57	3/6/2019	94.03	1.41	NP	--	92.62	--
MW-57	5/28/2019	94.03	3.88	NP	--	90.15	--
MW-57	9/3/2019	94.03	5.98	NP	--	88.05	--
MW-57	11/19/2019	94.03	0.50	NP	--	93.53	--
MW-58	10/5/2015	--	--	--	--	--	NG
MW-58	10/12/2015	--	5.99	NP	--	--	--
MW-58	10/19/2015	--	6.00	NP	--	--	--
MW-58	11/2/2015	93.92	5.50	NP	--	88.42	--
MW-58	11/16/2015	93.92	2.18	NP	--	91.74	--
MW-58	11/30/2015	93.92	2.64	NP	--	91.28	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-58	1/18/2016	93.92	--	--	--	--	NG
MW-58	2/1/2016	93.92	--	--	--	--	NG
MW-58	2/15/2016	93.92	--	--	--	--	NG
MW-58	3/7/2016	93.92	--	--	--	--	NG
MW-58	3/29/2016	93.92	--	--	--	--	NG
MW-58	4/5/2016	93.92	--	--	--	--	NG
MW-58	4/19/2016	93.92	2.42	NP	--	91.50	--
MW-58	5/10/2016	93.92	3.20	NP	--	90.72	--
MW-58	5/24/2016	93.92	3.60	NP	--	90.32	--
MW-58	6/7/2016	93.92	3.92	NP	--	90.00	--
MW-58	6/21/2016	93.92	3.91	NP	--	90.01	--
MW-58	7/19/2016	93.92	4.71	NP	--	89.21	--
MW-58	8/23/2016	93.92	5.60	NP	--	88.32	--
MW-58	9/20/2016	93.92	5.00	NP	--	88.92	--
MW-58	11/8/2016	93.92	1.91	NP	--	92.01	--
MW-58	12/6/2016	93.92	1.40	NP	--	92.52	--
MW-58	3/21/2017	93.92	--	--	--	--	NG
MW-58	4/27/2017	93.92	2.23	NP	--	91.69	--
MW-58	5/30/2017	93.92	3.41	NP	--	90.51	--
MW-58	6/28/2017	93.92	4.42	NP	--	89.50	--
MW-58	8/3/2017	93.92	5.44	NP	--	88.48	--
MW-58	8/31/2017	93.92	6.01	NP	--	87.91	--
MW-58	9/26/2017	93.92	6.13	NP	--	87.79	--
MW-58	11/29/2017	93.92	2.38	NP	--	91.54	--
MW-58	2/27/2018	93.92	--	--	--	--	WI
MW-58	6/12/2018	93.92	3.85	NP	--	90.07	--
MW-58	8/29/2018	93.92	5.97	NP	--	87.95	--
MW-58	11/6/2018	93.92	5.34	NP	--	88.58	--
MW-58	11/28/2018	93.92	4.74	NP	--	89.18	--
MW-58	3/6/2019	93.92	2.01	NP	--	91.91	--
MW-58	5/28/2019	93.92	4.43	NP	--	89.49	--
MW-58	9/3/2019	93.92	6.34	NP	--	87.58	--
MW-58	11/19/2019	93.92	1.93	NP	--	91.99	--
MW-59	10/5/2015	--	--	--	--	--	NG
MW-59	10/12/2015	--	--	--	--	--	NG
MW-59	10/19/2015	--	5.83	NP	--	--	--
MW-59	11/2/2015	93.52	5.33	NP	--	88.19	--
MW-59	11/16/2015	93.52	--	--	--	--	NG

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-59	11/30/2015	93.52	2.28	NP	--	91.24	--
MW-59	1/18/2016	93.52	--	--	--	--	NG
MW-59	2/1/2016	93.52	--	--	--	--	NG
MW-59	2/15/2016	93.52	--	--	--	--	NG
MW-59	3/7/2016	93.52	--	--	--	--	NG
MW-59	3/29/2016	93.52	--	--	--	--	NG
MW-59	4/5/2016	93.52	--	--	--	--	NG
MW-59	4/19/2016	93.52	2.08	2.08	0.00	91.44	--
MW-59	5/10/2016	93.52	3.20	NP	--	90.32	--
MW-59	5/24/2016	93.52	3.55	NP	--	89.97	--
MW-59	6/7/2016	93.52	3.86	NP	--	89.66	--
MW-59	6/21/2016	93.52	3.76	NP	--	89.76	--
MW-59	7/19/2016	93.52	4.52	NP	--	89.00	--
MW-59	8/23/2016	93.52	5.41	NP	--	88.11	--
MW-59	9/20/2016	93.52	4.80	NP	--	88.72	--
MW-59	11/8/2016	93.52	2.30	NP	--	91.22	--
MW-59	12/6/2016	93.52	--	--	--	--	--
MW-59	3/21/2017	93.52	--	--	--	--	NG
MW-59	4/27/2017	93.52	3.10	NP	--	90.42	--
MW-59	5/30/2017	93.52	3.44	NP	--	90.08	--
MW-59	6/28/2017	93.52	4.34	NP	--	89.18	--
MW-59	8/3/2017	93.52	5.25	5.24	0.01	88.28	--
MW-59	8/31/2017	93.52	5.82	5.80	0.02	87.71	--
MW-59	9/26/2017	93.52	5.93	5.91	0.02	87.61	--
MW-59	11/29/2017	93.52	2.78	NP	--	90.74	--
MW-59	2/27/2018	93.52	--	--	--	--	WI
MW-59	6/12/2018	93.52	3.87	NP	--	89.65	--
MW-59	8/29/2018	93.52	5.73	NP	--	87.79	--
MW-59	11/6/2018	93.52	5.14	NP	--	88.38	--
MW-59	11/28/2018	93.52	4.70	NP	--	88.82	--
MW-59	3/6/2019	93.52	2.68	NP	--	90.84	--
MW-59	5/28/2019	93.52	4.20	NP	--	89.32	--
MW-59	9/3/2019	93.52	6.09	NP	--	87.43	--
MW-59	11/19/2019	93.52	1.71	NP	--	91.81	--
MW-60	10/5/2015	--	--	--	--	--	NG
MW-60	10/12/2015	--	5.79	NP	--	--	--
MW-60	10/19/2015	--	5.85	NP	--	--	--
MW-60	11/2/2015	94.04	5.69	NP	--	88.35	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-60	11/16/2015	94.04	0.40	NP	--	93.64	--
MW-60	11/30/2015	94.04	1.10	NP	--	92.94	--
MW-60	1/18/2016	94.04	--	--	--	--	NG
MW-60	2/1/2016	94.04	--	--	--	--	NG
MW-60	2/15/2016	94.04	0.30	NP	--	93.74	--
MW-60	3/7/2016	94.04	--	--	--	--	NG
MW-60	3/29/2016	94.04	--	--	--	--	NG
MW-60	4/5/2016	94.04	--	--	--	--	NG
MW-60	4/19/2016	94.04	1.11	NP	--	92.93	--
MW-60	5/10/2016	94.04	2.85	NP	--	91.19	--
MW-60	5/24/2016	94.04	3.25	NP	--	90.79	--
MW-60	6/7/2016	94.04	3.61	NP	--	90.43	--
MW-60	6/21/2016	94.04	3.74	NP	--	90.30	--
MW-60	7/19/2016	94.04	4.35	NP	--	89.69	--
MW-60	8/23/2016	94.04	5.03	NP	--	89.01	--
MW-60	9/20/2016	94.04	4.79	NP	--	89.25	--
MW-60	11/8/2016	94.04	0.80	NP	--	93.24	--
MW-60	12/6/2016	94.04	--	--	--	--	--
MW-60	3/21/2017	94.04	--	--	--	--	NG
MW-60	4/27/2017	94.04	0.92	NP	--	93.12	--
MW-60	5/30/2017	94.04	2.61	NP	--	91.43	--
MW-60	6/28/2017	94.04	3.88	NP	--	90.16	--
MW-60	8/3/2017	94.04	4.79	NP	--	89.25	--
MW-60	8/31/2017	94.04	5.27	NP	--	88.77	--
MW-60	9/26/2017	94.04	5.53	NP	--	88.51	--
MW-60	11/29/2017	94.04	2.07	NP	--	91.97	--
MW-60	2/27/2018	94.04	--	--	--	--	WI
MW-60	6/12/2018	94.04	3.81	NP	--	90.23	--
MW-60	8/29/2018	94.04	5.35	NP	--	88.69	--
MW-60	11/6/2018	94.04	5.59	NP	--	88.45	--
MW-60	3/6/2019	94.04	2.07	NP	--	91.97	--
MW-60	5/28/2019	94.04	4.10	NP	--	89.94	--
MW-60	9/3/2019	94.04	5.71	NP	--	88.33	--
MW-60	11/19/2019	94.04	0.71	NP	--	93.33	--
MW-61	10/5/2015	--	--	--	--	--	NG
MW-61	10/12/2015	--	6.05	NP	--	--	--
MW-61	10/19/2015	--	6.37	NP	--	--	--
MW-61	11/2/2015	95.03	6.35	NP	--	88.68	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-61	11/16/2015	95.03	4.22	NP	--	90.81	--
MW-61	11/30/2015	95.03	2.96	NP	--	92.07	--
MW-61	1/18/2016	95.03	0.80	NP	--	94.23	--
MW-61	2/1/2016	95.03	0.18	NP	--	94.85	--
MW-61	2/15/2016	95.03	--	--	--	--	NG
MW-61	3/7/2016	95.03	0.07	NP	--	94.96	--
MW-61	3/29/2016	95.03	0.00	NP	--	95.03	--
MW-61	4/5/2016	95.03	--	--	--	--	NG
MW-61	4/19/2016	95.03	0.95	NP	--	94.08	--
MW-61	5/10/2016	95.03	3.10	NP	--	91.93	--
MW-61	5/24/2016	95.03	3.42	NP	--	91.61	--
MW-61	6/7/2016	95.03	3.85	NP	--	91.18	--
MW-61	6/21/2016	95.03	4.10	NP	--	90.93	--
MW-61	7/19/2016	95.03	4.58	NP	--	90.45	--
MW-61	8/23/2016	95.03	5.26	NP	--	89.77	--
MW-61	9/20/2016	95.03	5.31	NP	--	89.72	--
MW-61	11/8/2016	95.03	3.46	NP	--	91.57	--
MW-61	12/6/2016	95.03	1.45	NP	--	93.58	--
MW-61	3/21/2017	95.03	0.23	NP	--	94.80	--
MW-61	4/27/2017	95.03	1.59	NP	--	93.44	--
MW-61	5/30/2017	95.03	2.93	NP	--	92.10	--
MW-61	6/28/2017	95.03	4.06	NP	--	90.97	--
MW-61	8/3/2017	95.03	4.95	NP	--	90.08	--
MW-61	8/31/2017	95.03	5.46	NP	--	89.57	--
MW-61	9/26/2017	95.03	5.83	NP	--	89.20	--
MW-61	11/29/2017	95.03	4.43	NP	--	90.60	--
MW-61	2/27/2018	95.03	0.30	NP	--	94.73	--
MW-61	6/12/2018	95.03	3.90	NP	--	91.13	--
MW-61	8/29/2018	95.03	5.52	NP	--	89.51	--
MW-61	11/6/2018	95.03	6.16	NP	--	88.87	--
MW-61	3/6/2019	95.03	2.78	NP	--	92.25	--
MW-61	5/28/2019	95.03	4.39	NP	--	90.64	--
MW-61	9/3/2019	95.03	6.07	NP	--	88.96	--
MW-61	11/19/2019	95.03	4.21	NP	--	90.82	--
MW-62	10/5/2015	--	--	--	--	--	NG
MW-62	10/12/2015	--	6.01	NP	--	--	--
MW-62	10/19/2015	--	6.00	NP	--	--	--
MW-62	11/2/2015	94.04	5.54	NP	--	88.50	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-62	11/16/2015	94.04	2.27	NP	--	91.77	--
MW-62	11/30/2015	94.04	2.30	NP	--	91.74	--
MW-62	1/18/2016	94.04	0.15	NP	--	93.89	--
MW-62	2/1/2016	94.04	--	--	--	--	NG
MW-62	2/15/2016	94.04	--	--	--	--	NG
MW-62	3/7/2016	94.04	0.05	NP	--	93.99	--
MW-62	3/29/2016	94.04	0.00	NP	--	94.04	--
MW-62	4/5/2016	94.04	--	--	--	--	NG
MW-62	4/19/2016	94.04	1.30	NP	--	92.74	--
MW-62	5/10/2016	94.04	2.73	NP	--	91.31	--
MW-62	5/24/2016	94.04	2.95	NP	--	91.09	--
MW-62	6/7/2016	94.04	3.50	NP	--	90.54	--
MW-62	6/21/2016	94.04	3.33	NP	--	90.71	--
MW-62	7/19/2016	94.04	4.31	NP	--	89.73	--
MW-62	8/23/2016	94.04	5.10	NP	--	88.94	--
MW-62	9/20/2016	94.04	4.86	NP	--	89.18	--
MW-62	11/8/2016	94.04	2.29	NP	--	91.75	--
MW-62	12/6/2016	94.04	0.71	NP	--	93.33	--
MW-62	3/21/2017	94.04	--	--	--	--	NG
MW-62	4/27/2017	94.04	1.05	NP	--	92.99	--
MW-62	5/30/2017	94.04	2.19	NP	--	91.85	--
MW-62	6/28/2017	94.04	3.77	NP	--	90.27	--
MW-62	8/3/2017	94.04	4.88	NP	--	89.16	--
MW-62	8/31/2017	94.04	5.56	NP	--	88.48	--
MW-62	9/26/2017	94.04	5.91	NP	--	88.13	--
MW-62	11/29/2017	94.04	3.11	NP	--	90.93	--
MW-62	2/27/2018	94.04	--	--	--	--	--
MW-62	6/12/2018	94.04	3.65	NP	--	90.39	--
MW-62	8/29/2018	94.04	5.68	NP	--	88.36	--
MW-62	11/6/2018	94.04	5.45	NP	--	88.59	--
MW-62	3/6/2019	94.04	2.21	NP	--	91.83	--
MW-62	5/28/2019	94.04	4.00	NP	--	90.04	--
MW-62	9/3/2019	94.04	6.12	NP	--	87.92	--
MW-62	11/19/2019	94.04	2.62	NP	--	91.42	--
MW-63	10/5/2015	--	--	--	--	--	NG
MW-63	10/12/2015	--	6.30	NP	--	--	--
MW-63	10/19/2015	--	5.97	NP	--	--	--
MW-63	11/2/2015	94.75	5.64	NP	--	89.11	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-63	11/16/2015	94.75	1.26	NP	--	93.49	--
MW-63	11/30/2015	94.75	1.35	NP	--	93.40	--
MW-63	1/18/2016	94.75	0.15	NP	--	94.60	--
MW-63	2/1/2016	94.75	--	--	--	--	NG
MW-63	2/15/2016	94.75	--	--	--	--	NG
MW-63	3/7/2016	94.75	0.10	NP	--	94.65	--
MW-63	3/29/2016	94.75	0.00	NP	--	94.75	--
MW-63	4/5/2016	94.75	--	--	--	--	NG
MW-63	4/19/2016	94.75	1.81	NP	--	92.94	--
MW-63	5/10/2016	94.75	3.00	NP	--	91.75	--
MW-63	5/24/2016	94.75	3.24	NP	--	91.51	--
MW-63	6/7/2016	94.75	3.70	NP	--	91.05	--
MW-63	6/21/2016	94.75	3.66	NP	--	91.09	--
MW-63	7/19/2016	94.75	4.44	NP	--	90.31	--
MW-63	8/23/2016	94.75	5.32	NP	--	89.43	--
MW-63	9/20/2016	94.75	4.88	NP	--	89.87	--
MW-63	11/8/2016	94.75	1.56	NP	--	93.19	--
MW-63	12/6/2016	94.75	0.60	NP	--	94.15	--
MW-63	3/21/2017	94.75	--	--	--	--	NG
MW-63	4/27/2017	94.75	0.95	NP	--	93.80	--
MW-63	5/30/2017	94.75	2.61	NP	--	92.14	--
MW-63	6/28/2017	94.75	4.00	NP	--	90.75	--
MW-63	8/3/2017	94.75	5.11	NP	--	89.64	--
MW-63	8/31/2017	94.75	5.74	NP	--	89.01	--
MW-63	9/26/2017	94.75	6.04	NP	--	88.71	--
MW-63	11/29/2017	94.75	2.45	NP	--	92.30	--
MW-63	2/27/2018	94.75	--	--	--	--	--
MW-63	6/12/2018	94.75	3.92	NP	--	90.83	--
MW-63	8/29/2018	94.75	5.85	NP	--	88.90	--
MW-63	11/6/2018	94.75	5.33	NP	--	89.42	--
MW-63	3/6/2019	94.75	2.34	NP	--	92.41	--
MW-63	5/28/2019	94.75	4.18	NP	--	90.57	--
MW-63	9/3/2019	94.75	6.22	NP	--	88.53	--
MW-63	11/19/2019	94.75	1.33	NP	--	93.42	--
MW-64	10/5/2015	--	5.21	NP	--	--	--
MW-64	10/12/2015	--	5.12	NP	--	--	--
MW-64	10/19/2015	--	5.17	NP	--	--	--
MW-64	11/2/2015	--	3.01	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-64	11/16/2015	--	1.24	NP	--	--	--
MW-64	11/30/2015	93.62	1.98	NP	--	91.64	--
MW-64	1/18/2016	93.62	1.32	NP	--	92.30	--
MW-64	2/1/2016	93.62	0.94	NP	--	92.68	--
MW-64	2/15/2016	93.62	0.50	NP	--	93.12	--
MW-64	3/7/2016	93.62	1.35	NP	--	92.27	--
MW-64	3/29/2016	93.62	1.04	NP	--	92.58	--
MW-64	4/5/2016	93.62	--	--	--	--	NG
MW-64	4/19/2016	93.62	1.91	NP	--	91.71	--
MW-64	5/10/2016	93.62	2.89	NP	--	90.73	--
MW-64	5/24/2016	93.62	3.19	NP	--	90.43	--
MW-64	6/7/2016	93.62	3.53	NP	--	90.09	--
MW-64	6/21/2016	93.62	3.01	NP	--	90.61	--
MW-64	7/19/2016	93.62	4.12	NP	--	89.50	--
MW-64	8/23/2016	93.62	4.98	NP	--	88.64	--
MW-64	9/20/2016	93.62	4.09	NP	--	89.53	--
MW-64	11/8/2016	93.62	1.42	NP	--	92.20	--
MW-64	12/6/2016	93.62	1.28	NP	--	92.34	--
MW-64	3/21/2017	93.62	0.95	NP	--	92.67	--
MW-64	4/27/2017	93.62	1.95	NP	--	91.67	--
MW-64	5/30/2017	93.62	2.94	NP	--	90.68	--
MW-64	6/28/2017	93.62	3.97	NP	--	89.65	--
MW-64	8/3/2017	93.62	4.93	NP	--	88.69	--
MW-64	8/31/2017	93.62	5.55	NP	--	88.07	--
MW-64	9/26/2017	93.62	5.77	NP	--	87.85	--
MW-64	11/29/2017	93.62	1.44	NP	--	92.18	--
MW-64	2/27/2018	93.62	1.20	NP	--	92.42	--
MW-64	6/12/2018	93.62	3.87	NP	--	89.75	--
MW-64	8/29/2018	93.62	5.55	NP	--	88.07	--
MW-64	11/6/2018	93.62	3.05	NP	--	90.57	--
MW-64	3/6/2019	93.62	2.30	NP	--	91.32	--
MW-64	5/28/2019	93.62	3.92	NP	--	89.70	--
MW-64	9/3/2019	93.62	5.68	NP	--	87.94	--
MW-64	11/19/2019	93.62	0.99	NP	--	92.63	--
MW-65	10/5/2015	--	6.89	NP	--	--	--
MW-65	10/12/2015	--	6.89	NP	--	--	--
MW-65	10/19/2015	--	6.96	NP	--	--	--
MW-65	11/2/2015	96.42	6.04	NP	--	90.38	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-65	11/16/2015	96.42	3.10	NP	--	93.32	--
MW-65	11/30/2015	96.42	3.60	NP	--	92.82	--
MW-65	1/18/2016	96.42	2.60	NP	--	93.82	--
MW-65	2/1/2016	96.42	2.52	NP	--	93.90	--
MW-65	2/15/2016	96.42	1.15	NP	--	95.27	--
MW-65	3/7/2016	96.42	2.52	NP	--	93.90	--
MW-65	3/29/2016	96.42	2.45	NP	--	93.97	--
MW-65	4/5/2016	96.42	--	--	--	--	NG
MW-65	4/19/2016	96.42	3.10	NP	--	93.32	--
MW-65	5/10/2016	96.42	4.25	NP	--	92.17	--
MW-65	5/24/2016	96.42	4.77	NP	--	91.65	--
MW-65	6/7/2016	96.42	5.08	NP	--	91.34	--
MW-65	6/21/2016	96.42	4.72	NP	--	91.70	--
MW-65	7/19/2016	96.42	5.78	NP	--	90.64	--
MW-65	8/23/2016	96.42	6.65	NP	--	89.77	--
MW-65	9/20/2016	96.42	5.92	NP	--	90.50	--
MW-65	11/8/2016	96.42	2.90	NP	--	93.52	--
MW-65	12/6/2016	96.42	2.22	NP	--	94.20	--
MW-65	3/21/2017	96.42	1.59	NP	--	94.83	--
MW-65	4/27/2017	96.42	2.85	NP	--	93.57	--
MW-65	5/30/2017	96.42	4.07	NP	--	92.35	--
MW-65	6/27/2017	96.42	5.40	NP	--	91.02	--
MW-65	8/3/2017	96.42	6.48	NP	--	89.94	--
MW-65	9/26/2017	96.42	7.32	NP	--	89.10	--
MW-65	11/29/2017	96.42	3.38	NP	--	93.04	--
MW-65	2/27/2018	96.42	2.21	NP	--	94.21	--
MW-65	6/12/2018	96.42	5.25	NP	--	91.17	--
MW-65	8/29/2018	96.42	7.06	NP	--	89.36	--
MW-65	9/21/2018	96.42	7.30	NP	--	89.12	--
MW-65	11/6/2018	96.42	6.00	NP	--	90.42	--
MW-65	11/28/2018	96.42	5.27	NP	--	91.15	--
MW-65	3/6/2019	96.42	3.80	NP	--	92.62	--
MW-65	5/28/2019	96.42	5.55	NP	--	90.87	--
MW-65	9/3/2019	96.42	7.23	NP	--	89.19	--
MW-65	11/19/2019	96.42	3.43	NP	--	92.99	--
MW-66	10/5/2015	--	6.68	NP	--	--	--
MW-66	10/12/2015	--	6.71	NP	--	--	--
MW-66	10/19/2015	--	6.72	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-66	11/2/2015	95.74	5.49	NP	--	90.25	--
MW-66	11/16/2015	95.74	1.45	NP	--	94.29	--
MW-66	11/30/2015	95.74	2.13	NP	--	93.61	--
MW-66	1/18/2016	95.74	1.82	NP	--	93.92	--
MW-66	2/1/2016	95.74	1.31	NP	--	94.43	--
MW-66	2/15/2016	95.74	--	--	--	--	NG
MW-66	3/7/2016	95.74	1.92	NP	--	93.82	--
MW-66	3/29/2016	95.74	1.53	NP	--	94.21	--
MW-66	4/5/2016	95.74	--	--	--	--	NG
MW-66	4/19/2016	95.74	2.65	NP	--	93.09	--
MW-66	5/10/2016	95.74	4.05	NP	--	91.69	--
MW-66	5/24/2016	95.74	4.53	NP	--	91.21	--
MW-66	6/7/2016	95.74	4.86	NP	--	90.88	--
MW-66	6/21/2016	95.74	4.56	NP	--	91.18	--
MW-66	7/19/2016	95.74	5.55	NP	--	90.19	--
MW-66	8/23/2016	95.74	6.40	NP	--	89.34	--
MW-66	9/20/2016	95.74	5.62	NP	--	90.12	--
MW-66	11/8/2016	95.74	1.55	NP	--	94.19	--
MW-66	12/6/2016	95.74	1.44	NP	--	94.30	--
MW-66	3/21/2017	95.74	1.12	NP	--	94.62	--
MW-66	4/27/2017	95.74	2.40	NP	--	93.34	--
MW-66	5/30/2017	95.74	3.92	NP	--	91.82	--
MW-66	6/27/2017	95.74	5.25	NP	--	90.49	--
MW-66	8/3/2017	95.74	6.28	NP	--	89.46	--
MW-66	8/31/2017	95.74	6.90	NP	--	88.84	--
MW-66	9/26/2017	95.74	7.22	NP	--	88.52	--
MW-66	11/29/2017	95.74	2.30	NP	--	93.44	--
MW-66	2/27/2018	95.74	1.54	NP	--	94.20	--
MW-66	6/12/2018	95.74	5.12	NP	--	90.62	--
MW-66	8/29/2018	95.74	6.93	NP	--	88.81	--
MW-66	11/6/2018	95.74	5.45	NP	--	90.29	--
MW-66	3/6/2019	95.74	3.11	NP	--	92.63	--
MW-66	5/28/2019	95.74	5.35	NP	--	90.39	--
MW-66	9/3/2019	95.74	7.21	NP	--	88.53	--
MW-66	11/19/2019	95.74	2.00	NP	--	93.74	--
MW-67	11/8/2016	95.61	1.96	NP	--	93.65	--
MW-67	12/6/2016	95.61	1.33	NP	--	94.28	--
MW-67	3/21/2017	95.61	0.26	NP	--	95.35	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-67	4/27/2017	95.61	1.69	NP	--	93.92	--
MW-67	5/30/2017	95.61	3.50	NP	--	92.11	--
MW-67	6/28/2017	95.61	4.70	NP	--	90.91	--
MW-67	8/3/2017	95.61	5.82	NP	--	89.79	--
MW-67	8/31/2017	95.61	6.43	NP	--	89.18	--
MW-67	9/26/2017	95.61	6.70	NP	--	88.91	--
MW-67	11/29/2017	95.61	2.83	NP	--	92.78	--
MW-67	2/27/2018	95.61	1.15	NP	--	94.46	--
MW-67	6/12/2018	95.61	4.65	NP	--	90.96	--
MW-67	8/29/2018	95.61	6.54	NP	--	89.07	--
MW-67	11/6/2018	95.61	5.75	NP	--	89.86	--
MW-67	11/28/2018	95.61	4.78	NP	--	90.83	--
MW-67	3/6/2019	95.61	2.69	NP	--	92.92	--
MW-67	5/28/2019	95.61	4.81	NP	--	90.80	--
MW-67	9/3/2019	95.61	6.86	NP	--	88.75	--
MW-67	11/19/2019	95.61	1.67	NP	--	93.94	--
MW-68	11/7/2016	95.69	3.27	NP	--	92.42	--
MW-68	12/6/2016	95.69	2.30	NP	--	93.39	--
MW-68	3/21/2017	95.69	0.93	NP	--	94.76	--
MW-68	4/27/2017	95.69	2.32	NP	--	93.37	--
MW-68	5/30/2017	95.69	3.75	NP	--	91.94	--
MW-68	6/28/2017	95.69	4.83	NP	--	90.86	--
MW-68	8/3/2017	95.69	5.93	NP	--	89.76	--
MW-68	8/31/2017	95.69	6.54	NP	--	89.15	--
MW-68	9/26/2017	95.69	6.86	NP	--	88.83	--
MW-68	11/29/2017	95.69	3.96	NP	--	91.73	--
MW-68	2/27/2018	95.69	1.25	NP	--	94.44	--
MW-68	6/12/2018	95.69	4.75	NP	--	90.94	--
MW-68	8/29/2018	95.69	6.65	NP	--	89.04	--
MW-68	11/6/2018	95.69	6.20	NP	--	89.49	--
MW-68	3/6/2019	95.69	3.15	NP	--	92.54	--
MW-68	5/28/2019	95.69	5.09	NP	--	90.60	--
MW-68	9/3/2019	95.69	6.06	NP	--	89.63	--
MW-68	10/9/2019	95.69	6.20	NP	--	89.49	--
MW-68	11/19/2019	95.69	3.30	NP	--	92.39	--
MW-69	11/8/2016	95.49	3.35	NP	--	92.14	--
MW-69	12/6/2016	95.49	1.67	NP	--	93.82	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-69	3/21/2017	95.49	0.65	NP	--	94.84	--
MW-69	4/27/2017	95.49	2.15	NP	--	93.34	--
MW-69	5/30/2017	95.49	3.52	NP	--	91.97	--
MW-69	6/28/2017	95.49	4.61	NP	--	90.88	--
MW-69	8/3/2017	95.49	5.75	NP	--	89.74	--
MW-69	8/31/2017	95.49	6.44	NP	--	89.05	--
MW-69	9/26/2017	95.49	6.79	NP	--	88.70	--
MW-69	11/29/2017	95.49	4.06	NP	--	91.43	--
MW-69	2/27/2018	95.49	0.85	NP	--	94.64	--
MW-69	6/12/2018	95.49	4.53	NP	--	90.96	--
MW-69	8/29/2018	95.49	6.56	NP	--	88.93	--
MW-69	11/6/2018	95.49	6.37	NP	--	89.12	--
MW-69	3/6/2019	95.49	3.17	NP	--	92.32	--
MW-69	5/28/2019	95.49	4.91	NP	--	90.58	--
MW-69	9/3/2019	95.49	6.97	NP	--	88.52	--
MW-69	10/9/2019	95.49	6.25	NP	--	89.24	--
MW-69	11/19/2019	95.49	3.55	NP	--	91.94	--
MW-70	11/8/2016	95.68	3.77	NP	--	91.91	--
MW-70	12/6/2016	95.68	1.88	NP	--	93.80	--
MW-70	3/21/2017	95.68	0.63	NP	--	95.05	--
MW-70	4/27/2017	95.68	2.01	NP	--	93.67	--
MW-70	5/30/2017	95.68	3.53	NP	--	92.15	--
MW-70	6/28/2017	95.68	4.67	NP	--	91.01	--
MW-70	8/3/2017	95.68	5.53	NP	--	90.15	--
MW-70	8/31/2017	95.68	6.03	NP	--	89.65	--
MW-70	9/26/2017	95.68	6.31	NP	--	89.37	--
MW-70	11/29/2017	95.68	4.85	NP	--	90.83	--
MW-70	2/27/2018	95.68	0.76	NP	--	94.92	--
MW-70	6/12/2018	95.68	4.55	NP	--	91.13	--
MW-70	8/29/2018	95.68	6.09	NP	--	89.59	--
MW-70	11/6/2018	95.68	6.54	NP	--	89.14	--
MW-70	3/6/2019	95.68	3.35	NP	--	92.33	--
MW-70	5/28/2019	95.68	5.03	NP	--	90.65	--
MW-70	9/3/2019	95.68	6.51	NP	--	89.17	--
MW-70	11/19/2019	95.68	4.10	NP	--	91.58	--
MW-71	11/8/2016	93.62	2.29	NP	--	91.33	--
MW-71	12/6/2016	93.62	2.02	NP	--	91.60	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-71	3/21/2017	93.62	1.55	NP	--	92.07	--
MW-71	4/27/2017	93.62	2.64	NP	--	90.98	--
MW-71	5/30/2017	93.62	3.68	NP	--	89.94	--
MW-71	6/28/2017	93.62	4.56	NP	--	89.06	--
MW-71	8/3/2017	93.62	5.37	NP	--	88.25	--
MW-71	8/31/2017	93.62	5.89	NP	--	87.73	--
MW-71	9/26/2017	93.62	5.91	NP	--	87.71	--
MW-71	11/29/2017	93.62	2.56	NP	--	91.06	--
MW-71	2/27/2018	93.62	2.38	NP	--	91.24	--
MW-71	6/12/2018	93.62	4.38	NP	--	89.24	--
MW-71	8/29/2018	93.62	5.81	NP	--	87.81	--
MW-71	11/6/2018	93.62	3.38	NP	--	90.24	--
MW-71	3/6/2019	93.62	2.53	NP	--	91.09	--
MW-71	5/28/2019	93.62	4.33	NP	--	89.29	--
MW-71	9/3/2019	93.62	6.08	NP	--	87.54	--
MW-71	11/19/2019	93.62	2.31	NP	--	91.31	--
PW-1	3/17/2010	--	6.31	NP	--	--	--
PW-1	9/15/2010	--	8.46	NP	--	--	--
PW-1	3/4/2011	--	--	--	--	--	WI
PW-1	8/24/2011	--	8.29	NP	--	--	--
PW-1	5/10/2012	--	5.15	NP	--	--	--
PW-1	11/15/2012	--	7.46	NP	--	--	--
PW-1	3/27/2013	--	5.59	NP	--	--	--
PW-1	12/17/2013	--	7.36	NP	--	--	--
PW-1	6/24/2014	--	7.25	NP	--	--	--
PW-1	11/7/2014	--	5.90	NP	--	--	--
PW-1	11/8/2014	--	6.26	NP	--	--	--
PW-1	11/8/2014	--	6.22	NP	--	--	--
PW-1	11/9/2014	--	--	--	--	--	NG
PW-1	11/10/2014	--	5.96	NP	--	--	--
PW-1	11/12/2014	--	6.14	NP	--	--	--
PW-1	11/18/2014	--	6.63	NP	--	--	--
PW-1	11/19/2014	--	6.66	NP	--	--	--
PW-1	12/1/2014	--	5.73	NP	--	--	--
PW-1	12/8/2014	--	5.92	NP	--	--	--
PW-1	12/15/2014	--	--	--	--	--	NG
PW-1	12/22/2014	--	5.20	NP	--	--	--
PW-1	12/29/2014	--	4.82	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-1	1/5/2015	--	2.26	NP	--	--	--
PW-1	1/12/2015	--	5.00	NP	--	--	--
PW-1	1/19/2015	--	4.55	NP	--	--	--
PW-1	1/26/2015	--	4.56	NP	--	--	--
PW-1	2/2/2015	--	4.84	NP	--	--	--
PW-1	2/9/2015	--	4.39	NP	--	--	--
PW-1	2/16/2015	--	4.86	NP	--	--	--
PW-1	2/23/2015	--	5.42	NP	--	--	--
PW-1	3/2/2015	--	5.34	NP	--	--	--
PW-1	3/9/2015	--	5.93	NP	--	--	--
PW-1	3/16/2015	--	5.41	NP	--	--	--
PW-1	3/23/2015	--	5.08	NP	--	--	--
PW-1	3/30/2015	--	5.16	NP	--	--	--
PW-1	4/6/2015	--	5.87	NP	--	--	--
PW-1	4/22/2015	--	6.58	NP	--	--	--
PW-1	5/4/2015	--	6.85	NP	--	--	--
PW-1	5/18/2015	--	7.25	NP	--	--	--
PW-1	6/1/2015	--	7.75	NP	--	--	--
PW-1	6/15/2015	--	8.12	NP	--	--	--
PW-1	6/19/2015	--	7.98	NP	--	--	--
PW-1	6/29/2015	--	8.17	NP	--	--	--
PW-1	7/13/2015	--	8.78	NP	--	--	--
PW-1	7/28/2015	--	--	--	--	--	WI
PW-1	8/24/2015	--	--	--	--	--	WI
PW-1	9/8/2015	--	--	--	--	--	WI
PW-1	9/21/2015	--	9.16	NP	--	--	--
PW-1	10/5/2015	--	9.30	NP	--	--	--
PW-1	10/12/2015	--	9.40	NP	--	--	--
PW-1	10/19/2015	--	9.45	NP	--	--	--
PW-1	11/2/2015	--	--	--	--	--	NG
PW-1	11/16/2015	--	--	--	--	--	NG
PW-1	11/30/2015	--	--	--	--	--	--
PW-1	1/18/2016	--	5.51	NP	--	--	--
PW-1	2/1/2016	--	4.54	NP	--	--	--
PW-1	2/15/2016	--	3.18	NP	--	--	--
PW-1	3/7/2016	--	5.23	NP	--	--	--
PW-1	3/29/2016	--	4.77	NP	--	--	--
PW-1	4/5/2016	--	--	--	--	--	NG
PW-1	4/19/2016	--	5.90	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-1	5/10/2016	--	--	--	--	--	WI
PW-1	5/24/2016	--	7.19	NP	--	--	--
PW-1	6/7/2016	--	7.50	NP	--	--	--
PW-1	6/21/2016	--	7.21	NP	--	--	--
PW-1	7/19/2016	--	8.06	NP	--	--	--
PW-1	8/23/2016	--	8.92	NP	--	--	--
PW-1	9/20/2016	--	8.37	NP	--	--	--
PW-1	11/8/2016	--	5.75	NP	--	--	--
PW-1	12/6/2016	--	4.93	NP	--	--	--
PW-1	3/21/2017	--	4.10	NP	--	--	--
PW-1	4/27/2017	--	5.72	NP	--	--	--
PW-1	5/30/2017	--	6.56	NP	--	--	--
PW-1	6/28/2017	--	7.70	NP	--	--	--
PW-1	8/3/2017	--	8.76	NP	--	--	--
PW-1	8/31/2017	--	9.38	NP	--	--	--
PW-1	9/26/2017	--	9.66	NP	--	--	--
PW-1	11/29/2017	--	6.21	NP	--	--	--
PW-1	2/27/2018	--	4.86	NP	--	--	--
PW-1	8/29/2018	--	9.38	NP	--	--	--
PW-1	11/6/2018	--	8.11	NP	--	--	--
PW-1	3/6/2019	--	6.24	NP	--	--	--
PW-1	5/28/2019	--	7.84	NP	--	--	--
PW-1	9/3/2019	--	9.47	NP	--	--	--
PW-1	11/19/2019	--	6.07	NP	--	--	--
PW-2	3/17/2010	--	6.86	NP	--	--	--
PW-2	9/15/2010	--	8.64	NP	--	--	--
PW-2	3/4/2011	--	5.05	NP	--	--	--
PW-2	8/24/2011	--	8.54	NP	--	--	--
PW-2	5/10/2012	--	5.40	NP	--	--	--
PW-2	11/15/2012	--	8.02	NP	--	--	--
PW-2	12/17/2012	--	7.70	NP	--	--	--
PW-2	3/27/2013	--	6.04	NP	--	--	--
PW-2	6/24/2014	--	7.54	NP	--	--	--
PW-2	11/7/2014	--	6.40	NP	--	--	--
PW-2	11/8/2014	--	6.26	NP	--	--	--
PW-2	11/8/2014	--	6.65	NP	--	--	--
PW-2	11/9/2014	--	--	--	--	--	NG
PW-2	11/10/2014	--	6.41	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-2	11/12/2014	--	6.54	NP	--	--	--
PW-2	11/18/2014	--	7.05	NP	--	--	--
PW-2	11/19/2014	--	7.07	NP	--	--	--
PW-2	12/1/2014	--	6.02	NP	--	--	--
PW-2	12/8/2014	--	6.35	NP	--	--	--
PW-2	12/15/2014	--	--	--	--	--	NG
PW-2	12/22/2014	--	5.67	NP	--	--	--
PW-2	12/29/2014	--	5.13	NP	--	--	--
PW-2	1/5/2015	--	3.87	NP	--	--	--
PW-2	1/12/2015	--	5.26	NP	--	--	--
PW-2	1/19/2015	--	5.00	NP	--	--	--
PW-2	1/26/2015	--	4.84	NP	--	--	--
PW-2	2/2/2015	--	5.85	NP	--	--	--
PW-2	2/9/2015	--	4.85	NP	--	--	--
PW-2	2/16/2015	--	5.21	NP	--	--	--
PW-2	2/23/2015	--	5.89	NP	--	--	--
PW-2	3/2/2015	--	5.80	NP	--	--	--
PW-2	3/9/2015	--	6.35	NP	--	--	--
PW-2	3/16/2015	--	5.91	NP	--	--	--
PW-2	3/23/2015	--	5.44	NP	--	--	--
PW-2	3/30/2015	--	5.60	NP	--	--	--
PW-2	4/6/2015	--	6.17	NP	--	--	--
PW-2	4/22/2015	--	7.04	NP	--	--	--
PW-2	5/4/2015	--	7.20	NP	--	--	--
PW-2	5/18/2015	--	7.53	NP	--	--	--
PW-2	6/1/2015	--	8.95	NP	--	--	--
PW-2	6/15/2015	--	8.28	NP	--	--	--
PW-2	6/19/2015	--	8.38	NP	--	--	--
PW-2	6/29/2015	--	8.62	NP	--	--	--
PW-2	7/13/2015	--	8.87	NP	--	--	--
PW-2	7/28/2015	--	9.11	NP	--	--	--
PW-2	8/10/2015	--	9.30	NP	--	--	--
PW-2	8/24/2015	--	--	--	--	--	WI
PW-2	9/8/2015	--	--	--	--	--	WI
PW-2	9/21/2015	--	9.54	NP	--	--	--
PW-2	10/5/2015	--	9.59	NP	--	--	--
PW-2	10/12/2015	--	9.61	NP	--	--	--
PW-2	10/19/2015	--	9.63	NP	--	--	--
PW-2	11/2/2015	--	--	--	--	--	NG

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-2	11/16/2015	--	--	--	--	--	NG
PW-2	11/30/2015	--	--	--	--	--	--
PW-2	1/18/2016	--	5.98	NP	--	--	--
PW-2	2/1/2016	--	4.98	NP	--	--	--
PW-2	2/15/2016	--	3.90	NP	--	--	--
PW-2	3/7/2016	--	5.72	NP	--	--	--
PW-2	3/29/2016	--	5.23	NP	--	--	--
PW-2	4/5/2016	--	--	--	--	--	NG
PW-2	4/19/2016	--	6.36	NP	--	--	--
PW-2	5/10/2016	--	--	--	--	--	WI
PW-2	5/24/2016	--	7.53	NP	--	--	--
PW-2	6/7/2016	--	7.81	NP	--	--	--
PW-2	6/21/2016	--	7.70	NP	--	--	--
PW-2	7/19/2016	--	8.23	NP	--	--	--
PW-2	8/23/2016	--	9.01	NP	--	--	--
PW-2	9/20/2016	--	8.91	NP	--	--	--
PW-2	11/8/2016	--	6.22	NP	--	--	--
PW-2	12/6/2016	--	5.35	NP	--	--	--
PW-2	3/21/2017	--	4.55	NP	--	--	--
PW-2	4/27/2017	--	6.23	NP	--	--	--
PW-2	5/30/2017	--	7.00	NP	--	--	--
PW-2	6/28/2017	--	8.07	NP	--	--	--
PW-2	8/3/2017	--	9.08	NP	--	--	--
PW-2	8/31/2017	--	9.60	NP	--	--	--
PW-2	9/26/2017	--	9.68	NP	--	--	--
PW-2	11/29/2017	--	6.74	NP	--	--	--
PW-2	2/27/2018	--	5.34	NP	--	--	--
PW-2	8/29/2018	--	9.34	NP	--	--	--
PW-2	11/6/2018	--	8.49	NP	--	--	--
PW-2	3/6/2019	--	6.72	NP	--	--	--
PW-2	5/28/2019	--	8.24	NP	--	--	--
PW-2	9/3/2019	--	10.43	NP	--	--	--
PW-2	11/19/2019	--	6.90	NP	--	--	--
PW-3	1/20/2009	--	4.51	NP	--	--	--
PW-3	3/17/2010	--	6.01	NP	--	--	--
PW-3	9/15/2010	--	8.04	NP	--	--	--
PW-3	3/4/2011	--	4.25	NP	--	--	--
PW-3	8/24/2011	--	7.97	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-3	5/10/2012	--	4.73	NP	--	--	--
PW-3	11/15/2012	--	6.96	NP	--	--	--
PW-3	3/27/2013	--	5.16	NP	--	--	--
PW-3	12/17/2013	--	6.86	NP	--	--	--
PW-3	6/24/2014	--	6.86	NP	--	--	--
PW-3	11/7/2014	--	5.30	NP	--	--	--
PW-3	11/8/2014	--	5.24	NP	--	--	--
PW-3	11/8/2014	--	5.36	NP	--	--	--
PW-3	11/9/2014	--	--	--	--	--	NG
PW-3	11/10/2014	--	5.36	NP	--	--	--
PW-3	11/12/2014	--	5.53	NP	--	--	--
PW-3	11/18/2014	--	6.11	NP	--	--	--
PW-3	11/19/2014	--	6.13	NP	--	--	--
PW-3	12/1/2014	--	5.09	NP	--	--	--
PW-3	12/8/2014	--	5.32	NP	--	--	--
PW-3	12/15/2014	--	--	--	--	--	NG
PW-3	12/22/2014	--	4.74	NP	--	--	--
PW-3	12/29/2014	--	4.34	NP	--	--	--
PW-3	1/5/2015	--	2.05	NP	--	--	--
PW-3	1/12/2015	--	4.49	NP	--	--	--
PW-3	1/19/2015	--	4.13	NP	--	--	--
PW-3	1/26/2015	--	4.02	NP	--	--	--
PW-3	2/2/2015	--	3.83	NP	--	--	--
PW-3	2/9/2015	--	3.97	NP	--	--	--
PW-3	2/16/2015	--	4.42	NP	--	--	--
PW-3	2/23/2015	--	4.96	NP	--	--	--
PW-3	3/2/2015	--	4.85	NP	--	--	--
PW-3	3/9/2015	--	5.49	NP	--	--	--
PW-3	3/16/2015	--	4.89	NP	--	--	--
PW-3	3/23/2015	--	4.54	NP	--	--	--
PW-3	3/30/2015	--	4.68	NP	--	--	--
PW-3	4/6/2015	--	5.37	NP	--	--	--
PW-3	4/22/2015	--	6.22	NP	--	--	--
PW-3	5/4/2015	--	6.44	NP	--	--	--
PW-3	5/18/2015	--	6.85	NP	--	--	--
PW-3	6/1/2015	--	7.40	NP	--	--	--
PW-3	6/15/2015	--	7.77	NP	--	--	--
PW-3	6/19/2015	--	7.88	NP	--	--	--
PW-3	6/29/2015	--	8.15	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-3	7/13/2015	--	8.48	NP	--	--	--
PW-3	7/28/2015	--	8.80	NP	--	--	--
PW-3	8/10/2015	--	9.09	NP	--	--	--
PW-3	8/24/2015	--	--	--	--	--	WI
PW-3	9/8/2015	--	--	--	--	--	WI
PW-3	9/21/2015	--	8.79	NP	--	--	--
PW-3	10/5/2015	--	8.93	NP	--	--	--
PW-3	10/12/2015	--	8.96	NP	--	--	--
PW-3	10/19/2015	--	9.03	NP	--	--	--
PW-3	11/2/2015	--	--	--	--	--	NG
PW-3	11/16/2015	--	--	--	--	--	NG
PW-3	11/30/2015	--	--	--	--	--	--
PW-3	1/18/2016	--	5.05	NP	--	--	--
PW-3	2/1/2016	--	4.06	NP	--	--	--
PW-3	2/15/2016	--	3.04	NP	--	--	--
PW-3	3/7/2016	--	4.85	NP	--	--	--
PW-3	3/29/2016	--	4.34	NP	--	--	--
PW-3	4/5/2016	--	--	--	--	--	NG
PW-3	4/19/2016	--	5.48	NP	--	--	--
PW-3	5/10/2016	--	6.34	NP	--	--	--
PW-3	5/24/2016	--	6.80	NP	--	--	--
PW-3	6/7/2016	--	7.11	NP	--	--	--
PW-3	6/21/2016	--	6.79	NP	--	--	--
PW-3	7/19/2016	--	7.71	NP	--	--	--
PW-3	8/23/2016	--	8.62	NP	--	--	--
PW-3	9/20/2016	--	8.00	NP	--	--	--
PW-3	11/8/2016	--	5.25	NP	--	--	--
PW-3	12/6/2016	--	4.46	NP	--	--	--
PW-3	3/21/2017	--	3.62	NP	--	--	--
PW-3	4/27/2017	--	5.35	NP	--	--	--
PW-3	5/30/2017	--	6.18	NP	--	--	--
PW-3	6/28/2017	--	7.34	NP	--	--	--
PW-3	8/3/2017	--	8.45	NP	--	--	--
PW-3	8/31/2017	--	9.08	NP	--	--	--
PW-3	9/26/2017	--	9.37	NP	--	--	--
PW-3	11/29/2017	--	5.77	NP	--	--	--
PW-3	2/27/2018	--	4.45	NP	--	--	--
PW-3	8/29/2018	--	9.10	NP	--	--	--
PW-3	11/6/2018	--	7.72	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-3	3/6/2019	--	5.79	NP	--	--	--
PW-3	5/28/2019	--	7.46	NP	--	--	--
PW-3	9/3/2019	--	9.02	NP	--	--	--
PW-3	11/19/2019	--	5.98	NP	--	--	--
PW-4	6/23/1992	99.94	6.21	NP	--	93.73	--
PW-4	7/2/1992	99.94	5.76	NP	--	94.18	--
PW-4	8/17/1992	99.94	6.28	NP	--	93.66	--
PW-4	9/30/1992	99.94	6.66	NP	--	93.28	--
PW-4	10/30/1992	99.94	6.30	NP	--	93.64	--
PW-4	11/30/1992	99.94	4.04	NP	--	95.90	--
PW-4	4/16/1993	99.94	4.63	NP	--	95.31	--
PW-4	10/3/2000	99.94	7.21	7.19	0.02	92.74	--
PW-4	2/28/2001	99.94	4.70	NP	--	95.24	--
PW-4	5/30/2001	99.94	5.37	NP	--	94.57	--
PW-4	8/22/2001	99.94	7.31	7.23	0.08	92.69	--
PW-4	11/21/2001	99.94	4.94	NP	--	95.00	--
PW-4	2/20/2002	99.94	3.85	NP	--	96.09	--
PW-4	5/16/2002	99.94	4.64	NP	--	95.30	--
PW-4	8/2/2002	99.94	6.51	6.50	0.01	93.44	--
PW-4	12/19/2002	99.94	7.04	NP	--	92.90	--
PW-4	5/19/2003	99.94	5.57	5.41	0.16	94.49	--
PW-4	11/13/2003	99.94	6.12	NP	--	93.82	--
PW-4	6/4/2004	99.94	5.57	5.39	0.18	94.51	--
PW-4	10/7/2004	99.94	6.17	6.05	0.12	93.86	--
PW-4	4/28/2005	99.94	4.31	4.21	0.10	95.70	--
PW-4	11/16/2005	99.94	5.01	4.88	0.13	95.03	--
PW-4	6/13/2006	99.94	5.55	NP	--	94.39	--
PW-4	2/26/2007	99.94	3.10	2.72	0.38	97.13	--
PW-4	5/9/2007	99.94	5.37	NP	--	94.57	--
PW-4	7/16/2007	99.94	6.92	6.88	0.04	93.05	--
PW-4	8/22/2007	99.94	7.51	7.48	0.03	92.45	--
PW-4	9/25/2007	99.94	8.82	NP	--	91.12	--
PW-4	10/25/2007	99.94	5.82	NP	--	94.12	--
PW-4	11/9/2007	99.94	--	--	--	--	NG
PW-4	12/3/2007	99.94	5.50	NP	--	94.44	--
PW-4	1/17/2008	99.94	3.41	NP	--	96.53	--
PW-4	4/7/2008	99.94	3.33	NP	--	96.61	--
PW-4	7/22/2008	99.94	6.95	6.15	0.80	93.59	--

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Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	10/21/2008	99.94	7.81	7.29	0.52	92.52	--
PW-4	7/6/2009	99.94	7.15	6.84	0.31	93.02	--
PW-4	3/17/2010	99.94	5.00	4.76	0.24	95.12	--
PW-4	9/15/2010	99.94	7.22	6.65	0.57	93.15	--
PW-4	3/4/2011	99.94	3.09	NP	--	96.85	--
PW-4	8/24/2011	99.94	7.01	6.69	0.32	93.17	--
PW-4	11/8/2011	99.94	6.99	NP	--	92.95	--
PW-4	5/10/2012	99.94	3.46	NP	--	96.48	--
PW-4	11/15/2012	99.94	5.64	NP	--	94.30	--
PW-4	3/27/2013	99.94	4.04	NP	--	95.90	--
PW-4	12/17/2013	99.94	3.49	NP	--	96.45	--
PW-4	6/24/2014	99.94	5.75	5.61	0.14	94.30	--
PW-4	11/7/2014	99.94	4.09	NP	--	95.85	--
PW-4	11/8/2014	99.94	--	--	--	--	NG
PW-4	11/8/2014	99.94	--	--	--	--	NG
PW-4	11/9/2014	99.94	--	--	--	--	NG
PW-4	11/10/2014	99.94	3.92	NP	--	96.02	--
PW-4	11/12/2014	99.94	4.04	NP	--	95.90	--
PW-4	11/18/2014	99.94	4.71	NP	--	95.23	--
PW-4	11/19/2014	99.94	4.72	NP	--	95.22	--
PW-4	12/1/2014	99.94	3.53	NP	--	96.41	--
PW-4	12/8/2014	99.94	3.81	NP	--	96.13	--
PW-4	12/15/2014	99.94	--	--	--	--	NG
PW-4	12/22/2014	99.94	3.30	NP	--	96.64	--
PW-4	12/29/2014	99.94	2.94	NP	--	97.00	--
PW-4	1/5/2015	99.94	1.90	NP	--	98.04	--
PW-4	1/12/2015	99.94	3.10	NP	--	96.84	--
PW-4	1/19/2015	99.94	2.88	NP	--	97.06	--
PW-4	1/26/2015	99.94	2.58	NP	--	97.36	--
PW-4	2/2/2015	99.94	2.46	NP	--	97.48	--
PW-4	2/9/2015	99.94	2.60	NP	--	97.34	--
PW-4	2/16/2015	99.94	2.97	NP	--	96.97	--
PW-4	2/23/2015	99.94	3.54	NP	--	96.40	--
PW-4	3/2/2015	99.94	3.44	NP	--	96.50	--
PW-4	3/9/2015	99.94	4.11	4.09	0.02	95.84	--
PW-4	3/16/2015	99.94	3.47	NP	--	96.47	--
PW-4	3/23/2015	99.94	2.08	NP	--	97.86	--
PW-4	3/30/2015	99.94	3.25	NP	--	96.69	--
PW-4	4/6/2015	99.94	4.03	3.99	0.04	95.94	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	4/22/2015	99.94	4.97	NP	--	94.97	--
PW-4	5/4/2015	99.94	5.20	5.15	0.05	94.78	--
PW-4	5/18/2015	99.94	5.61	5.59	0.02	94.34	--
PW-4	6/1/2015	99.94	8.21	NP	--	91.73	--
PW-4	6/15/2015	99.94	6.58	NP	--	93.36	--
PW-4	6/19/2015	99.94	6.97	NP	--	92.97	--
PW-4	6/29/2015	99.94	7.15	NP	--	92.79	--
PW-4	7/13/2015	99.94	7.47	NP	--	92.47	--
PW-4	7/28/2015	99.94	7.72	NP	--	92.22	--
PW-4	8/24/2015	99.94	8.05	NP	--	91.89	--
PW-4	9/8/2015	99.94	7.74	NP	--	92.20	--
PW-4	9/21/2015	99.94	7.58	NP	--	92.36	--
PW-4	10/5/2015	99.94	7.75	NP	--	92.19	--
PW-4	10/12/2015	99.94	7.81	NP	--	92.13	--
PW-4	10/19/2015	99.94	7.80	NP	--	92.14	--
PW-4	11/2/2015	99.94	--	--	--	--	NG
PW-4	11/16/2015	99.94	4.44	NP	--	95.50	--
PW-4	11/30/2015	99.94	--	--	--	--	--
PW-4	1/18/2016	99.94	3.97	NP	--	95.97	--
PW-4	2/1/2016	99.94	2.90	NP	--	97.04	--
PW-4	2/15/2016	99.94	2.15	2.14	0.01	97.80	--
PW-4	3/7/2016	99.94	3.60	NP	--	96.34	--
PW-4	3/29/2016	99.94	3.26	3.25	0.01	96.69	--
PW-4	4/5/2016	99.94	--	--	--	--	NG
PW-4	4/19/2016	99.94	4.20	4.11	0.09	95.81	--
PW-4	5/10/2016	99.94	--	--	--	--	WI
PW-4	5/24/2016	99.94	5.83	NP	--	94.11	--
PW-4	6/7/2016	99.94	5.92	NP	--	94.02	--
PW-4	6/21/2016	99.94	5.53	NP	--	94.41	--
PW-4	7/19/2016	99.94	6.52	NP	--	93.42	--
PW-4	8/23/2016	99.94	7.44	7.43	0.01	92.51	--
PW-4	9/20/2016	99.94	7.14	NP	--	92.80	--
PW-4	11/8/2016	99.94	4.25	NP	--	95.69	--
PW-4	12/6/2016	99.94	3.11	NP	--	96.83	--
PW-4	3/21/2017	99.94	2.37	NP	--	97.57	--
PW-4	4/27/2017	99.94	4.44	NP	--	95.50	--
PW-4	5/30/2017	99.94	5.21	NP	--	94.73	--
PW-4	6/28/2017	99.94	6.22	NP	--	93.72	--
PW-4	8/3/2017	99.94	7.28	NP	--	92.66	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	8/31/2017	99.94	7.89	NP	--	92.05	--
PW-4	9/26/2017	99.94	8.14	NP	--	91.80	--
PW-4	11/29/2017	99.94	4.31	NP	--	95.63	--
PW-4	2/27/2018	99.94	3.65	NP	--	96.29	--
PW-4	8/29/2018	99.94	7.89	NP	--	92.05	--
PW-4	9/21/2018	99.94	8.06	NP	--	91.88	--
PW-4	11/6/2018	99.94	6.42	NP	--	93.52	--
PW-4	11/28/2018	99.94	6.41	NP	--	93.53	--
PW-4	3/6/2019	99.94	4.73	4.70	0.03	95.23	--
PW-4	5/28/2019	99.94	7.65	NP	--	92.29	--
PW-4	9/3/2019	99.94	8.39	NP	--	91.55	--
PW-4	11/19/2019	99.94	4.91	NP	--	95.03	--
PW-5A	3/17/2010	--	4.81	NP	--	--	--
PW-5A	9/15/2010	--	7.36	NP	--	--	--
PW-5A	3/4/2011	--	3.11	NP	--	--	--
PW-5A	8/24/2011	--	7.32	NP	--	--	--
PW-5A	5/10/2012	--	3.67	NP	--	--	--
PW-5A	11/15/2012	--	5.92	NP	--	--	--
PW-5A	3/27/2013	--	4.40	NP	--	--	--
PW-5A	12/17/2013	--	6.22	NP	--	--	--
PW-5A	6/24/2014	--	6.13	NP	--	--	--
PW-5A	11/7/2014	--	4.45	NP	--	--	--
PW-5A	11/8/2014	--	--	--	--	--	NG
PW-5A	11/9/2014	--	--	--	--	--	NG
PW-5A	11/10/2014	--	4.89	NP	--	--	--
PW-5A	11/12/2014	--	5.02	NP	--	--	--
PW-5A	11/18/2014	--	5.51	NP	--	--	--
PW-5A	11/19/2014	--	5.52	NP	--	--	--
PW-5A	12/1/2014	--	4.47	NP	--	--	--
PW-5A	12/8/2014	--	4.43	NP	--	--	--
PW-5A	12/15/2014	--	--	--	--	--	NG
PW-5A	12/22/2014	--	3.73	NP	--	--	--
PW-5A	12/29/2014	--	3.42	NP	--	--	--
PW-5A	1/5/2015	--	2.22	NP	--	--	--
PW-5A	1/12/2015	--	3.54	NP	--	--	--
PW-5A	1/19/2015	--	3.15	NP	--	--	--
PW-5A	1/26/2015	--	3.22	NP	--	--	--
PW-5A	2/2/2015	--	4.03	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-5A	2/9/2015	--	3.24	NP	--	--	--
PW-5A	2/16/2015	--	3.55	NP	--	--	--
PW-5A	2/23/2015	--	4.00	NP	--	--	--
PW-5A	3/2/2015	--	3.87	NP	--	--	--
PW-5A	3/9/2015	--	4.81	NP	--	--	--
PW-5A	3/16/2015	--	3.51	NP	--	--	--
PW-5A	3/23/2015	--	3.69	NP	--	--	--
PW-5A	3/30/2015	--	3.87	NP	--	--	--
PW-5A	4/6/2015	--	4.68	NP	--	--	--
PW-5A	4/22/2015	--	5.56	NP	--	--	--
PW-5A	5/4/2015	--	5.74	NP	--	--	--
PW-5A	5/18/2015	--	6.14	NP	--	--	--
PW-5A	6/1/2015	--	6.69	NP	--	--	--
PW-5A	6/15/2015	--	7.06	NP	--	--	--
PW-5A	6/19/2015	--	7.20	NP	--	--	--
PW-5A	6/29/2015	--	7.45	NP	--	--	--
PW-5A	7/13/2015	--	7.78	NP	--	--	--
PW-5A	7/28/2015	--	--	--	--	--	WI
PW-5A	8/24/2015	--	8.62	NP	--	--	--
PW-5A	9/8/2015	--	--	--	--	--	WI
PW-5A	9/21/2015	--	8.15	NP	--	--	--
PW-5A	10/5/2015	--	8.32	NP	--	--	--
PW-5A	10/12/2015	--	8.39	NP	--	--	--
PW-5A	10/19/2015	--	8.52	NP	--	--	--
PW-5A	11/2/2015	--	--	--	--	--	NG
PW-5A	11/16/2015	--	--	--	--	--	NG
PW-5A	11/30/2015	--	--	--	--	--	--
PW-5A	1/18/2016	--	4.17	NP	--	--	--
PW-5A	2/1/2016	--	3.27	NP	--	--	--
PW-5A	2/15/2016	--	2.40	NP	--	--	--
PW-5A	3/7/2016	--	3.89	NP	--	--	--
PW-5A	3/29/2016	--	3.51	NP	--	--	--
PW-5A	4/5/2016	--	--	--	--	--	NG
PW-5A	4/19/2016	--	4.78	NP	--	--	--
PW-5A	5/10/2016	--	5.66	NP	--	--	--
PW-5A	5/24/2016	--	6.12	NP	--	--	--
PW-5A	6/7/2016	--	6.42	NP	--	--	--
PW-5A	6/21/2016	--	6.00	NP	--	--	--
PW-5A	7/19/2016	--	7.01	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-5A	8/23/2016	--	8.94	NP	--	--	--
PW-5A	9/20/2016	--	7.36	NP	--	--	--
PW-5A	11/8/2016	--	4.60	NP	--	--	--
PW-5A	12/6/2016	--	3.59	NP	--	--	--
PW-5A	3/21/2017	--	2.86	NP	--	--	--
PW-5A	4/27/2017	--	4.62	NP	--	--	--
PW-5A	5/30/2017	--	5.39	NP	--	--	--
PW-5A	6/28/2017	--	6.64	NP	--	--	--
PW-5A	8/3/2017	--	7.76	NP	--	--	--
PW-5A	8/31/2017	--	8.43	NP	--	--	--
PW-5A	9/26/2017	--	8.74	NP	--	--	--
PW-5A	11/29/2017	--	5.15	NP	--	--	--
PW-5A	2/27/2018	--	3.55	NP	--	--	--
PW-5A	8/29/2018	--	8.40	NP	--	--	--
PW-5A	11/6/2018	--	6.92	NP	--	--	--
PW-5A	3/6/2019	--	5.11	NP	--	--	--
PW-5A	5/28/2019	--	6.74	NP	--	--	--
PW-5A	9/3/2019	--	8.55	NP	--	--	--
PW-5A	11/19/2019	--	4.76	NP	--	--	--
PW-6	1/20/2009	--	4.98	NP	--	--	--
PW-6	3/17/2010	--	6.66	NP	--	--	--
PW-6	9/15/2010	--	8.56	NP	--	--	--
PW-6	3/4/2011	--	4.79	NP	--	--	--
PW-6	8/24/2011	--	8.55	NP	--	--	--
PW-6	5/10/2012	--	5.22	NP	--	--	--
PW-6	11/15/2012	--	7.56	NP	--	--	--
PW-6	3/27/2013	--	5.65	NP	--	--	--
PW-6	12/17/2013	--	7.35	NP	--	--	--
PW-6	6/24/2014	--	7.36	NP	--	--	--
PW-6	11/7/2014	--	6.00	NP	--	--	--
PW-6	11/8/2014	--	--	--	--	--	NG
PW-6	11/9/2014	--	--	--	--	--	NG
PW-6	11/10/2014	--	5.98	NP	--	--	--
PW-6	11/12/2014	--	6.18	NP	--	--	--
PW-6	11/18/2014	--	6.74	NP	--	--	--
PW-6	11/19/2014	--	6.74	NP	--	--	--
PW-6	12/1/2014	--	5.72	NP	--	--	--
PW-6	12/8/2014	--	5.94	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-6	12/15/2014	--	--	--	--	--	NG
PW-6	12/22/2014	--	5.33	NP	--	--	--
PW-6	12/29/2014	--	4.90	NP	--	--	--
PW-6	1/5/2015	--	3.79	NP	--	--	--
PW-6	1/12/2015	--	5.02	NP	--	--	--
PW-6	1/19/2015	--	4.91	NP	--	--	--
PW-6	1/26/2015	--	4.60	NP	--	--	--
PW-6	2/2/2015	--	5.43	NP	--	--	--
PW-6	2/9/2015	--	4.63	NP	--	--	--
PW-6	2/16/2015	--	4.93	NP	--	--	--
PW-6	2/23/2015	--	5.50	NP	--	--	--
PW-6	3/2/2015	--	5.41	NP	--	--	--
PW-6	3/9/2015	--	6.01	NP	--	--	--
PW-6	3/16/2015	--	5.48	NP	--	--	--
PW-6	3/23/2015	--	5.09	NP	--	--	--
PW-6	3/30/2015	--	5.20	NP	--	--	--
PW-6	4/6/2015	--	5.90	NP	--	--	--
PW-6	4/22/2015	--	6.72	NP	--	--	--
PW-6	5/4/2015	--	6.97	NP	--	--	--
PW-6	5/18/2015	--	7.37	NP	--	--	--
PW-6	6/1/2015	--	7.94	NP	--	--	--
PW-6	6/15/2015	--	8.34	NP	--	--	--
PW-6	6/19/2015	--	8.44	NP	--	--	--
PW-6	6/29/2015	--	8.73	NP	--	--	--
PW-6	7/13/2015	--	9.06	NP	--	--	--
PW-6	7/28/2015	--	9.37	NP	--	--	--
PW-6	8/24/2015	--	--	--	--	--	Dry
PW-6	9/8/2015	--	--	--	--	--	WI
PW-6	9/21/2015	--	9.35	NP	--	--	--
PW-6	10/5/2015	--	9.52	NP	--	--	--
PW-6	10/12/2015	--	9.60	NP	--	--	--
PW-6	10/19/2015	--	9.64	NP	--	--	--
PW-6	11/2/2015	--	--	--	--	--	NG
PW-6	11/16/2015	--	--	--	--	--	NG
PW-6	11/30/2015	--	--	--	--	--	--
PW-6	1/18/2016	--	5.57	NP	--	--	--
PW-6	2/1/2016	--	4.61	NP	--	--	--
PW-6	2/15/2016	--	3.61	NP	--	--	--
PW-6	3/7/2016	--	5.32	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-6	3/29/2016	--	4.86	NP	--	--	--
PW-6	4/5/2016	--	--	--	--	--	NG
PW-6	4/19/2016	--	6.00	NP	--	--	--
PW-6	5/10/2016	--	6.86	NP	--	--	--
PW-6	5/24/2016	--	7.32	NP	--	--	--
PW-6	6/7/2016	--	7.63	NP	--	--	--
PW-6	6/21/2016	--	7.31	NP	--	--	--
PW-6	7/19/2016	--	8.25	NP	--	--	--
PW-6	8/23/2016	--	9.13	NP	--	--	--
PW-6	9/20/2016	--	8.57	NP	--	--	--
PW-6	11/8/2016	--	5.71	NP	--	--	--
PW-6	12/6/2016	--	4.92	NP	--	--	--
PW-6	3/21/2017	--	4.13	NP	--	--	--
PW-6	4/27/2017	--	5.83	NP	--	--	--
PW-6	5/30/2017	--	6.68	NP	--	--	--
PW-6	6/28/2017	--	7.87	NP	--	--	--
PW-6	8/3/2017	--	9.01	NP	--	--	--
PW-6	8/31/2017	--	9.63	NP	--	--	--
PW-6	9/26/2017	--	9.67	NP	--	--	--
PW-6	11/29/2017	--	6.30	NP	--	--	--
PW-6	2/27/2018	--	4.92	NP	--	--	--
PW-6	8/29/2018	--	9.52	NP	--	--	--
PW-6	11/6/2018	--	8.26	NP	--	--	--
PW-6	3/6/2019	--	6.24	NP	--	--	--
PW-6	5/28/2019	--	7.85	NP	--	--	--
PW-6	9/3/2019	--	9.55	NP	--	--	--
PW-6	11/19/2019	--	6.51	NP	--	--	--
RW-1	11/17/2014	--	4.96	NP	--	--	--
RW-1	11/18/2014	--	5.35	NP	--	--	--
RW-1	11/19/2014	--	5.35	NP	--	--	--
RW-1	12/1/2014	96.57	2.21	NP	--	94.36	--
RW-1	12/8/2014	96.57	2.89	NP	--	93.68	--
RW-1	12/15/2014	96.57	2.26	NP	--	94.31	--
RW-1	12/22/2014	96.57	2.40	NP	--	94.17	--
RW-1	12/29/2014	96.57	2.00	1.97	0.03	94.59	--
RW-1	1/5/2015	96.57	0.50	NP	--	96.07	--
RW-1	1/12/2015	96.57	2.38	2.37	0.01	94.20	--
RW-1	1/13/2015	96.57	2.65	NP	--	93.92	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-1	1/14/2015	96.57	2.73	NP	--	93.84	--
RW-1	1/19/2015	96.57	1.82	1.81	0.01	94.76	--
RW-1	1/26/2015	96.57	2.80	2.78	0.02	93.79	--
RW-1	2/2/2015	96.57	2.53	NP	--	94.04	--
RW-1	2/9/2015	96.57	1.68	1.65	0.03	94.91	--
RW-1	2/16/2015	96.57	2.02	NP	--	94.55	--
RW-1	2/23/2015	96.57	2.60	NP	--	93.97	--
RW-1	3/2/2015	96.57	2.54	2.52	0.02	94.05	--
RW-1	3/9/2015	96.57	3.12	NP	--	93.45	--
RW-1	3/16/2015	96.57	2.25	NP	--	94.32	--
RW-1	3/23/2015	96.57	2.10	2.09	0.01	94.48	--
RW-1	3/30/2015	96.57	2.30	2.29	0.01	94.28	--
RW-1	4/6/2015	96.57	3.06	NP	--	93.51	--
RW-1	4/7/2015	96.57	3.35	3.34	0.01	93.23	--
RW-1	4/22/2015	96.57	4.22	4.21	0.01	92.36	--
RW-1	5/4/2015	96.57	4.49	4.45	0.04	92.11	--
RW-1	5/18/2015	96.57	4.98	4.97	0.01	91.60	--
RW-1	6/1/2015	96.57	5.62	NP	--	90.95	--
RW-1	6/15/2015	96.57	6.12	6.10	0.02	90.46	--
RW-1	6/19/2015	96.57	6.27	6.26	0.01	90.31	--
RW-1	6/29/2015	96.57	6.56	6.55	0.01	90.02	--
RW-1	7/13/2015	96.57	6.93	6.92	0.01	89.65	--
RW-1	7/28/2015	96.57	7.26	NP	--	89.31	--
RW-1	8/10/2015	96.57	7.47	NP	--	89.10	--
RW-1	8/24/2015	96.57	7.34	NP	--	89.23	--
RW-1	9/8/2015	96.57	--	--	--	--	WI
RW-1	9/21/2015	96.57	--	--	--	--	NG
RW-1	10/5/2015	96.57	--	--	--	--	NG
RW-1	10/12/2015	96.57	--	--	--	--	WI
RW-1	10/19/2015	96.57	8.21	NP	--	88.36	--
RW-1	11/2/2015	96.57	--	--	--	--	WI
RW-1	11/16/2015	96.57	--	--	--	--	NG
RW-1	11/30/2015	96.57	--	--	--	--	--
RW-1	1/18/2016	96.57	2.56	NP	--	94.01	--
RW-1	2/1/2016	96.57	1.77	NP	--	94.80	--
RW-1	2/15/2016	96.57	--	--	--	--	NG
RW-1	3/7/2016	96.57	2.43	NP	--	94.14	--
RW-1	3/29/2016	96.57	1.98	NP	--	94.59	--
RW-1	4/5/2016	96.57	2.18	NP	--	94.39	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-1	4/19/2016	96.57	3.25	NP	--	93.32	--
RW-1	5/10/2016	96.57	4.35	NP	--	92.22	--
RW-1	5/24/2016	96.57	4.79	NP	--	91.78	--
RW-1	6/7/2016	96.57	5.16	NP	--	91.41	--
RW-1	6/21/2016	96.57	4.71	NP	--	91.86	--
RW-1	7/19/2016	96.57	5.88	NP	--	90.69	--
RW-1	8/23/2016	96.57	6.81	NP	--	89.76	--
RW-1	9/20/2016	96.57	6.19	NP	--	90.38	--
RW-1	11/8/2016	96.57	2.57	NP	--	94.00	--
RW-1	12/6/2016	96.57	2.05	NP	--	94.52	--
RW-1	3/21/2017	96.57	1.24	NP	--	95.33	--
RW-1	4/27/2017	96.57	3.00	NP	--	93.57	--
RW-1	5/30/2017	96.57	4.13	NP	--	92.44	--
RW-1	6/28/2017	96.57	5.45	NP	--	91.12	--
RW-1	8/3/2017	96.57	6.74	NP	--	89.83	--
RW-1	8/31/2017	96.57	7.40	NP	--	89.17	--
RW-1	9/26/2017	96.57	7.70	NP	--	88.87	--
RW-1	11/29/2017	96.57	2.46	NP	--	94.11	--
RW-1	2/27/2018	96.57	2.06	NP	--	94.51	--
RW-1	6/12/2018	96.57	5.35	NP	--	91.22	--
RW-1	8/29/2018	96.57	7.46	NP	--	89.11	--
RW-1	11/6/2018	96.57	5.67	NP	--	90.90	--
RW-1	3/6/2019	96.57	3.46	NP	--	93.11	--
RW-1	5/28/2019	96.57	6.65	NP	--	89.92	--
RW-1	9/3/2019	96.57	7.63	NP	--	88.94	--
RW-1	11/19/2019	96.57	2.57	NP	--	94.00	--
RW-2	11/17/2014	--	7.78	NP	--	--	--
RW-2	11/18/2014	--	8.68	NP	--	--	--
RW-2	11/19/2014	--	8.63	NP	--	--	--
RW-2	12/1/2014	96.97	3.20	NP	--	93.77	--
RW-2	12/8/2014	96.97	3.46	NP	--	93.51	--
RW-2	12/15/2014	96.97	2.80	NP	--	94.17	--
RW-2	12/22/2014	96.97	2.90	NP	--	94.07	--
RW-2	12/29/2014	96.97	2.38	NP	--	94.59	--
RW-2	1/5/2015	96.97	--	--	--	--	NG
RW-2	1/12/2015	96.97	2.12	NP	--	94.85	--
RW-2	1/13/2015	96.97	3.50	NP	--	93.47	--
RW-2	1/14/2015	96.97	3.31	NP	--	93.66	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-2	1/19/2015	96.97	2.44	NP	--	94.53	--
RW-2	1/26/2015	96.97	2.27	NP	--	94.70	--
RW-2	2/2/2015	96.97	3.14	NP	--	93.83	--
RW-2	2/9/2015	96.97	2.13	NP	--	94.84	--
RW-2	2/16/2015	96.97	2.47	NP	--	94.50	--
RW-2	2/23/2015	96.97	3.10	NP	--	93.87	--
RW-2	3/2/2015	96.97	2.94	NP	--	94.03	--
RW-2	3/9/2015	96.97	3.53	NP	--	93.44	--
RW-2	3/16/2015	96.97	2.71	NP	--	94.26	--
RW-2	3/23/2015	96.97	2.54	NP	--	94.43	--
RW-2	3/30/2015	96.97	2.69	NP	--	94.28	--
RW-2	4/6/2015	96.97	3.35	NP	--	93.62	--
RW-2	4/7/2015	96.97	4.02	NP	--	92.95	--
RW-2	4/22/2015	96.97	4.63	NP	--	92.34	--
RW-2	5/4/2015	96.97	4.80	NP	--	92.17	--
RW-2	5/18/2015	96.97	5.33	NP	--	91.64	--
RW-2	6/1/2015	96.97	6.05	NP	--	90.92	--
RW-2	6/15/2015	96.97	6.51	NP	--	90.46	--
RW-2	6/19/2015	96.97	6.60	NP	--	90.37	--
RW-2	6/29/2015	96.97	6.92	NP	--	90.05	--
RW-2	7/13/2015	96.97	--	--	--	--	Dry
RW-2	7/28/2015	96.97	--	--	--	--	Dry
RW-2	8/10/2015	96.97	--	--	--	--	Dry
RW-2	8/24/2015	96.97	--	--	--	--	Dry
RW-2	9/8/2015	96.97	--	--	--	--	WI
RW-2	9/21/2015	96.97	7.13	NP	--	89.84	--
RW-2	10/5/2015	96.97	--	--	--	--	WI
RW-2	10/12/2015	96.97	--	--	--	--	WI
RW-2	10/19/2015	96.97	--	--	--	--	NG
RW-2	11/2/2015	96.97	--	--	--	--	WI
RW-2	11/16/2015	96.97	--	--	--	--	NG
RW-2	11/30/2015	96.97	--	--	--	--	--
RW-2	1/18/2016	96.97	2.68	NP	--	94.29	--
RW-2	2/1/2016	96.97	1.90	NP	--	95.07	--
RW-2	2/15/2016	96.97	0.04	NP	--	96.93	--
RW-2	3/7/2016	96.97	2.57	NP	--	94.40	--
RW-2	3/29/2016	96.97	2.09	NP	--	94.88	--
RW-2	4/5/2016	96.97	2.09	NP	--	94.88	--
RW-2	4/19/2016	96.97	3.50	NP	--	93.47	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-2	5/10/2016	96.97	4.61	NP	--	92.36	--
RW-2	5/24/2016	96.97	5.10	NP	--	91.87	--
RW-2	6/7/2016	96.97	5.45	NP	--	91.52	--
RW-2	6/21/2016	96.97	4.68	NP	--	92.29	--
RW-2	7/19/2016	96.97	6.18	NP	--	90.79	--
RW-2	8/23/2016	96.97	--	--	--	--	Dry
RW-2	9/20/2016	96.97	--	--	--	--	Dry
RW-2	11/8/2016	96.97	2.31	NP	--	94.66	--
RW-2	12/6/2016	96.97	--	--	--	--	Dry
RW-2	3/21/2017	96.97	1.55	NP	--	95.42	Dry
RW-2	4/27/2017	96.97	3.24	NP	--	93.73	Dry
RW-2	5/30/2017	96.97	4.32	NP	--	92.65	Dry
RW-2	6/28/2017	96.97	5.74	NP	--	91.23	Dry
RW-2	8/3/2017	96.97	7.06	NP	--	89.91	--
RW-2	8/31/2017	96.97	--	--	--	--	Dry
RW-2	9/26/2017	96.97	--	--	--	--	Dry
RW-2	11/29/2017	96.97	2.88	NP	--	94.09	--
RW-2	2/27/2018	96.97	2.31	NP	--	94.66	--
RW-2	6/12/2018	96.97	5.66	NP	--	91.31	--
RW-2	8/29/2018	96.97	7.20	NP	--	89.77	--
RW-2	11/6/2018	96.97	5.27	NP	--	91.70	--
RW-2	3/6/2019	96.97	3.78	NP	--	93.19	--
RW-2	5/28/2019	96.97	5.94	NP	--	91.03	--
RW-2	9/3/2019	96.97	--	--	--	--	Dry
RW-2	11/19/2019	96.97	1.95	NP	--	95.02	--
RW-3	11/17/2014	--	8.73	8.70	0.03	--	--
RW-3	11/18/2014	--	9.70	NP	--	--	--
RW-3	11/19/2014	--	9.72	9.70	0.02	--	--
RW-3	12/1/2014	97.07	4.32	NP	--	92.75	--
RW-3	12/8/2014	97.07	4.52	NP	--	92.55	--
RW-3	12/15/2014	97.07	3.90	NP	--	93.17	--
RW-3	12/22/2014	97.07	3.95	NP	--	93.12	--
RW-3	12/29/2014	97.07	3.37	NP	--	93.70	--
RW-3	1/5/2015	97.07	--	--	--	--	NG
RW-3	1/12/2015	97.07	3.30	NP	--	93.77	--
RW-3	1/13/2015	97.07	3.80	NP	--	93.27	--
RW-3	1/14/2015	97.07	3.87	NP	--	93.20	--
RW-3	1/19/2015	97.07	2.76	NP	--	94.31	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-3	1/26/2015	97.07	3.14	NP	--	93.93	--
RW-3	2/2/2015	97.07	3.96	NP	--	93.11	--
RW-3	2/9/2015	97.07	2.81	NP	--	94.26	--
RW-3	2/16/2015	97.07	3.28	NP	--	93.79	--
RW-3	2/23/2015	97.07	3.89	NP	--	93.18	--
RW-3	3/2/2015	97.07	3.79	NP	--	93.28	--
RW-3	3/9/2015	97.07	4.26	NP	--	92.81	--
RW-3	3/16/2015	97.07	3.40	NP	--	93.67	--
RW-3	3/23/2015	97.07	3.50	NP	--	93.57	--
RW-3	3/30/2015	97.07	3.61	3.60	0.01	93.47	--
RW-3	4/6/2015	97.07	4.12	NP	--	92.95	--
RW-3	4/7/2015	97.07	4.17	NP	--	92.90	--
RW-3	4/22/2015	97.07	4.80	NP	--	92.27	--
RW-3	5/4/2015	97.07	5.58	NP	--	91.49	--
RW-3	5/18/2015	97.07	6.13	NP	--	90.94	--
RW-3	6/1/2015	97.07	6.69	NP	--	90.38	--
RW-3	6/15/2015	97.07	7.00	NP	--	90.07	--
RW-3	6/19/2015	97.07	6.45	NP	--	90.62	--
RW-3	6/29/2015	97.07	7.33	NP	--	89.74	--
RW-3	7/13/2015	97.07	7.72	NP	--	89.35	--
RW-3	7/28/2015	97.07	8.06	NP	--	89.01	--
RW-3	8/10/2015	97.07	8.33	NP	--	88.74	--
RW-3	8/24/2015	97.07	8.55	NP	--	88.52	--
RW-3	9/8/2015	97.07	--	--	--	--	WI
RW-3	9/21/2015	97.07	--	--	--	--	NG
RW-3	10/5/2015	97.07	--	--	--	--	WI
RW-3	10/12/2015	97.07	--	--	--	--	WI
RW-3	10/19/2015	97.07	--	--	--	--	NG
RW-3	11/2/2015	97.07	--	--	--	--	WI
RW-3	11/16/2015	97.07	--	--	--	--	NG
RW-3	11/30/2015	97.07	--	--	--	--	--
RW-3	1/18/2016	97.07	3.12	NP	--	93.95	--
RW-3	2/1/2016	97.07	2.25	NP	--	94.82	--
RW-3	2/15/2016	97.07	--	--	--	--	--
RW-3	3/7/2016	97.07	2.92	NP	--	94.15	--
RW-3	3/29/2016	97.07	2.48	NP	--	94.59	--
RW-3	4/5/2016	97.07	2.67	NP	--	94.40	--
RW-3	4/19/2016	97.07	3.65	NP	--	93.42	--
RW-3	5/10/2016	97.07	4.70	NP	--	92.37	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-3	5/24/2016	97.07	5.17	NP	--	91.90	--
RW-3	6/7/2016	97.07	5.50	NP	--	91.57	--
RW-3	6/21/2016	97.07	5.04	NP	--	92.03	--
RW-3	7/19/2016	97.07	6.20	NP	--	90.87	--
RW-3	8/23/2016	97.07	--	--	--	--	WI
RW-3	9/20/2016	97.07	6.56	NP	--	90.51	--
RW-3	11/8/2016	97.07	3.05	NP	--	94.02	--
RW-3	12/6/2016	97.07	2.47	2.46	0.01	94.61	--
RW-3	3/21/2017	97.07	1.63	NP	--	95.44	--
RW-3	4/27/2017	97.07	3.42	NP	--	93.65	--
RW-3	5/30/2017	97.07	4.45	NP	--	92.62	--
RW-3	6/28/2017	97.07	5.79	NP	--	91.28	--
RW-3	8/3/2017	97.07	7.14	NP	--	89.93	--
RW-3	8/31/2017	97.07	7.85	NP	--	89.22	--
RW-3	9/26/2017	97.07	8.10	NP	--	88.97	--
RW-3	11/29/2017	97.07	3.49	NP	--	93.58	--
RW-3	2/27/2018	97.07	2.50	NP	--	94.57	--
RW-3	6/12/2018	97.07	5.75	NP	--	91.32	--
RW-3	8/29/2018	97.07	7.88	NP	--	89.19	--
RW-3	11/6/2018	97.07	5.97	NP	--	91.10	--
RW-3	3/6/2019	97.07	3.90	NP	--	93.17	--
RW-3	5/28/2019	97.07	6.04	NP	--	91.03	--
RW-3	9/3/2019	97.07	8.05	NP	--	89.02	--
RW-3	11/19/2019	97.07	3.10	NP	--	93.97	--
RW-4	11/17/2014	--	8.90	8.70	0.20	--	--
RW-4	11/18/2014	--	9.00	8.94	0.06	--	--
RW-4	11/19/2014	--	9.02	8.95	0.07	--	--
RW-4	12/1/2014	97.22	6.32	5.68	0.64	91.38	--
RW-4	12/8/2014	97.22	6.80	5.70	1.10	91.24	--
RW-4	12/15/2014	97.22	6.25	5.22	1.03	91.74	--
RW-4	12/22/2014	97.22	6.59	5.29	1.30	91.60	--
RW-4	12/29/2014	97.22	6.23	4.81	1.42	92.06	--
RW-4	1/5/2015	97.22	3.81	3.77	0.04	93.44	--
RW-4	1/12/2015	97.22	5.62	4.57	1.05	92.39	--
RW-4	1/13/2015	97.22	5.20	4.94	0.26	92.22	--
RW-4	1/14/2015	97.22	5.16	5.02	0.14	92.17	--
RW-4	1/19/2015	97.22	5.24	4.69	0.55	92.39	--
RW-4	1/26/2015	97.22	5.35	4.54	0.81	92.48	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-4	2/2/2015	97.22	5.93	5.20	0.73	91.84	--
RW-4	2/9/2015	97.22	5.08	4.57	0.51	92.52	--
RW-4	2/16/2015	97.22	5.51	4.67	0.84	92.34	--
RW-4	2/23/2015	97.22	5.85	5.34	0.51	91.75	--
RW-4	3/2/2015	97.22	5.70	5.43	0.27	91.72	--
RW-4	3/9/2015	97.22	6.09	5.83	0.26	91.33	--
RW-4	3/16/2015	97.22	5.73	5.55	0.18	91.63	--
RW-4	3/23/2015	97.22	5.46	NP	--	91.76	--
RW-4	3/30/2015	97.22	5.51	NP	--	91.71	--
RW-4	4/6/2015	97.22	5.91	NP	--	91.31	--
RW-4	4/7/2015	97.22	6.09	NP	--	91.13	--
RW-4	4/22/2015	97.22	6.83	6.57	0.26	90.59	--
RW-4	5/4/2015	97.22	7.33	6.93	0.40	90.19	--
RW-4	5/18/2015	97.22	7.44	7.36	0.08	89.84	--
RW-4	6/1/2015	97.22	7.70	NP	--	89.52	--
RW-4	6/15/2015	97.22	7.91	7.88	0.03	89.33	--
RW-4	6/19/2015	97.22	7.95	7.93	0.02	89.29	--
RW-4	6/29/2015	97.22	8.32	8.31	0.01	88.91	--
RW-4	7/13/2015	97.22	8.62	8.61	0.01	88.61	--
RW-4	7/28/2015	97.22	8.77	NP	--	88.45	--
RW-4	8/10/2015	97.22	9.11	9.10	0.01	88.12	--
RW-4	8/24/2015	97.22	9.33	NP	--	87.89	--
RW-4	9/8/2015	97.22	9.84	NP	--	87.38	--
RW-4	9/21/2015	97.22	8.84	NP	--	88.38	--
RW-4	10/5/2015	97.22	--	--	--	--	WI
RW-4	10/12/2015	97.22	--	--	--	--	WI
RW-4	10/19/2015	97.22	--	--	--	--	NG
RW-4	11/2/2015	97.22	--	--	--	--	WI
RW-4	11/16/2015	97.22	--	--	--	--	NG
RW-4	11/30/2015	97.22	--	--	--	--	--
RW-4	1/18/2016	97.22	4.59	4.48	0.11	92.71	--
RW-4	2/1/2016	97.22	3.50	3.45	0.05	93.76	--
RW-4	2/15/2016	97.22	0.40	0.20	0.20	96.97	--
RW-4	3/7/2016	97.22	4.07	3.90	0.17	93.28	--
RW-4	3/29/2016	97.22	3.44	3.43	0.01	93.79	--
RW-4	4/5/2016	97.22	3.78	0.14	3.64	96.17	--
RW-4	4/19/2016	97.22	5.00	4.95	0.05	92.26	--
RW-4	5/10/2016	97.22	5.80	5.76	0.04	91.45	--
RW-4	5/24/2016	97.22	6.17	6.16	0.01	91.06	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-4	6/7/2016	97.22	6.52	6.50	0.02	90.71	--
RW-4	6/21/2016	97.22	6.24	6.23	0.01	90.99	--
RW-4	7/19/2016	97.22	7.16	NP	--	90.06	--
RW-4	8/23/2016	97.22	--	--	--	--	WI
RW-4	9/20/2016	97.22	7.39	NP	--	89.83	--
RW-4	11/8/2016	97.22	4.82	NP	--	92.40	--
RW-4	12/6/2016	97.22	3.96	NP	--	93.26	--
RW-4	3/21/2017	97.22	2.80	NP	--	94.42	--
RW-4	4/27/2017	97.22	4.62	NP	--	92.60	--
RW-4	5/30/2017	97.22	5.67	NP	--	91.55	--
RW-4	6/28/2017	97.22	6.72	NP	--	90.50	--
RW-4	8/3/2017	97.22	7.96	7.95	0.01	89.27	--
RW-4	8/31/2017	97.22	8.57	8.56	0.01	88.66	--
RW-4	9/26/2017	97.22	8.68	8.67	0.01	88.55	--
RW-4	11/29/2017	97.22	5.33	NP	--	91.89	--
RW-4	2/27/2018	97.22	3.34	NP	--	93.88	--
RW-4	6/12/2018	97.22	6.45	NP	--	90.77	--
RW-4	8/29/2018	97.22	8.42	NP	--	88.80	--
RW-4	11/6/2018	97.22	6.88	NP	--	90.34	--
RW-4	3/6/2019	97.22	5.12	NP	--	92.10	--
RW-4	5/28/2019	97.22	6.66	NP	--	90.56	--
RW-4	9/3/2019	97.22	8.68	NP	--	88.54	--
RW-4	11/19/2019	97.22	3.64	NP	--	93.58	--
RW-5	11/17/2014	--	--	--	--	--	NG
RW-5	11/18/2014	--	--	--	--	--	NG
RW-5	11/19/2014	--	--	--	--	--	NG
RW-5	11/24/2014	--	--	--	--	--	NG
RW-5	12/1/2014	--	--	--	--	--	NG
RW-5	12/8/2014	--	5.90	4.99	0.91	--	--
RW-5	12/15/2014	--	--	--	--	--	NG
RW-5	12/22/2014	--	4.50	4.42	0.08	--	--
RW-5	12/29/2014	--	--	--	--	--	NG
RW-5	1/5/2015	--	--	--	--	--	NG
RW-5	1/12/2015	--	--	--	--	--	NG
RW-5	1/19/2015	--	--	--	--	--	NG
RW-5	1/26/2015	--	--	--	--	--	NG
RW-5	2/9/2015	--	2.86	2.84	0.02	--	--
RW-5	2/16/2015	--	2.87	2.86	0.01	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-5	2/23/2015	--	4.25	NP	--	--	--
RW-5	3/2/2015	--	3.58	NP	--	--	--
RW-5	3/9/2015	--	4.05	NP	--	--	--
RW-5	3/16/2015	--	3.46	NP	--	--	--
RW-5	3/23/2015	--	3.10	NP	--	--	--
RW-5	3/30/2015	--	3.20	NP	--	--	--
RW-5	4/6/2015	--	3.45	NP	--	--	--
RW-5	4/22/2015	--	5.39	NP	--	--	--
RW-5	5/4/2015	--	6.08	6.06	0.02	--	--
RW-5	5/18/2015	--	6.48	6.45	0.03	--	--
RW-5	6/1/2015	--	7.01	6.98	0.03	--	--
RW-5	6/15/2015	--	7.31	7.30	0.01	--	--
RW-5	6/29/2015	--	7.66	NP	--	--	--
RW-5	7/13/2015	--	8.09	8.08	0.01	--	--
RW-5	7/28/2015	--	--	--	--	--	WI
RW-5	8/10/2015	--	--	--	--	--	WI
RW-5	8/24/2015	--	--	--	--	--	NG
RW-5	9/8/2015	--	--	--	--	--	WI
RW-5	9/21/2015	--	--	--	--	--	NG
RW-5	10/5/2015	--	--	--	--	--	WI
RW-5	10/12/2015	--	--	--	--	--	NG
RW-5	10/19/2015	--	--	--	--	--	NG
RW-5	11/2/2015	--	--	--	--	--	WI
RW-5	11/16/2015	--	--	--	--	--	NG
RW-5	11/30/2015	--	--	--	--	--	--
RW-5	8/29/2018	--	--	--	--	--	NL
RW-6	11/17/2014	--	6.04	NP	--	--	--
RW-6	11/18/2014	--	6.38	NP	--	--	--
RW-6	11/19/2014	--	6.35	NP	--	--	--
RW-6	12/1/2014	96.02	1.97	NP	--	94.05	--
RW-6	12/8/2014	96.02	2.12	NP	--	93.90	--
RW-6	12/15/2014	96.02	--	--	--	--	NG
RW-6	12/22/2014	96.02	1.60	NP	--	94.42	--
RW-6	12/29/2014	96.02	1.28	NP	--	94.74	--
RW-6	1/5/2015	96.02	--	--	--	--	NG
RW-6	1/12/2015	96.02	1.47	NP	--	94.55	--
RW-6	1/13/2015	96.02	1.88	NP	--	94.14	--
RW-6	1/14/2015	96.02	1.86	NP	--	94.16	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-6	1/19/2015	96.02	0.40	NP	--	95.62	--
RW-6	1/26/2015	96.02	1.07	NP	--	94.95	--
RW-6	2/2/2015	96.02	2.88	NP	--	93.14	--
RW-6	2/9/2015	96.02	0.80	NP	--	95.22	--
RW-6	2/16/2015	96.02	1.36	NP	--	94.66	--
RW-6	2/23/2015	96.02	1.92	NP	--	94.10	--
RW-6	3/2/2015	96.02	1.78	NP	--	94.24	--
RW-6	3/9/2015	96.02	2.48	NP	--	93.54	--
RW-6	3/16/2015	96.02	1.16	NP	--	94.86	--
RW-6	3/23/2015	96.02	1.35	NP	--	94.67	--
RW-6	3/30/2015	96.02	1.61	1.60	0.01	94.42	--
RW-6	4/6/2015	96.02	2.46	NP	--	93.56	--
RW-6	4/22/2015	96.02	3.72	NP	--	92.30	--
RW-6	5/4/2015	96.02	3.91	NP	--	92.11	--
RW-6	5/18/2015	96.02	4.42	NP	--	91.60	--
RW-6	6/1/2015	96.02	5.12	NP	--	90.90	--
RW-6	6/15/2015	96.02	5.54	NP	--	90.48	--
RW-6	6/19/2015	96.02	5.70	NP	--	90.32	--
RW-6	6/29/2015	96.02	5.96	NP	--	90.06	--
RW-6	7/13/2015	96.02	6.34	NP	--	89.68	--
RW-6	7/28/2015	96.02	6.68	NP	--	89.34	--
RW-6	8/10/2015	96.02	6.96	NP	--	89.06	--
RW-6	8/24/2015	96.02	7.24	NP	--	88.78	--
RW-6	9/8/2015	96.02	6.38	NP	--	89.64	--
RW-6	9/21/2015	96.02	6.37	NP	--	89.65	--
RW-6	10/5/2015	96.02	6.66	NP	--	89.36	--
RW-6	10/12/2015	96.02	6.85	NP	--	89.17	--
RW-6	10/19/2015	96.02	6.69	NP	--	89.33	--
RW-6	11/2/2015	96.02	6.37	NP	--	89.65	--
RW-6	11/16/2015	96.02	3.95	NP	--	92.07	--
RW-6	11/30/2015	96.02	4.61	NP	--	91.41	--
RW-6	1/18/2016	96.02	1.76	NP	--	94.26	--
RW-6	2/1/2016	96.02	1.09	NP	--	94.93	--
RW-6	2/15/2016	96.02	--	--	--	--	NG
RW-6	3/7/2016	96.02	1.73	NP	--	94.29	--
RW-6	3/29/2016	96.02	1.33	NP	--	94.69	--
RW-6	4/5/2016	96.02	--	--	--	--	NG
RW-6	4/19/2016	96.02	2.60	NP	--	93.42	--
RW-6	5/10/2016	96.02	3.84	NP	--	92.18	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-6	5/24/2016	96.02	4.25	NP	--	91.77	--
RW-6	6/7/2016	96.02	4.67	NP	--	91.35	--
RW-6	6/21/2016	96.02	4.10	NP	--	91.92	--
RW-6	7/19/2016	96.02	5.38	NP	--	90.64	--
RW-6	8/23/2016	96.02	6.33	NP	--	89.69	--
RW-6	9/20/2016	96.02	5.62	NP	--	90.40	--
RW-6	11/8/2016	96.02	1.80	NP	--	94.22	--
RW-6	12/6/2016	96.02	1.37	NP	--	94.65	--
RW-6	3/21/2017	96.02	--	--	--	--	NG
RW-6	4/27/2017	96.02	--	--	--	--	WI
RW-6	5/30/2017	96.02	--	--	--	--	WI
RW-6	6/28/2017	96.02	4.95	NP	--	91.07	--
RW-6	8/3/2017	96.02	6.16	NP	--	89.86	--
RW-6	9/26/2017	96.02	7.20	NP	--	88.82	--
RW-6	11/29/2017	96.02	1.81	NP	--	94.21	--
RW-6	2/27/2018	96.02	1.34	NP	--	94.68	--
RW-6	6/12/2018	96.02	4.88	NP	--	91.14	--
RW-6	8/29/2018	96.02	6.90	NP	--	89.12	--
RW-6	11/6/2018	96.02	5.69	NP	--	90.33	--
RW-6	3/6/2019	96.02	2.53	NP	--	93.49	--
RW-6	5/28/2019	96.02	4.98	NP	--	91.04	--
RW-6	9/3/2019	96.02	7.11	NP	--	88.91	--
RW-6	11/19/2019	96.02	1.44	NP	--	94.58	--
RW-7	1/5/2015	--	--	--	--	--	NG
RW-7	1/12/2015	--	--	--	--	--	NG
RW-7	1/13/2015	96.74	2.71	NP	--	94.03	--
RW-7	1/14/2015	96.74	2.78	NP	--	93.96	--
RW-7	1/19/2015	96.74	2.07	NP	--	94.67	--
RW-7	1/26/2015	96.74	2.00	1.96	0.04	94.77	--
RW-7	2/2/2015	96.74	2.74	2.73	0.01	94.01	--
RW-7	2/9/2015	96.74	1.84	NP	--	94.90	--
RW-7	2/16/2015	96.74	2.31	2.24	0.07	94.48	--
RW-7	2/23/2015	96.74	2.90	2.81	0.09	93.91	--
RW-7	3/2/2015	96.74	2.72	2.70	0.02	94.04	--
RW-7	3/9/2015	96.74	3.32	NP	--	93.42	--
RW-7	3/16/2015	96.74	2.56	NP	--	94.18	--
RW-7	3/23/2015	96.74	2.30	NP	--	94.44	--
RW-7	3/30/2015	96.74	2.48	NP	--	94.26	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-7	4/6/2015	96.74	4.26	NP	--	92.48	--
RW-7	4/7/2015	96.74	3.52	NP	--	93.22	--
RW-7	4/22/2015	96.74	4.36	NP	--	92.38	--
RW-7	5/4/2015	96.74	4.55	NP	--	92.19	--
RW-7	5/18/2015	96.74	5.05	NP	--	91.69	--
RW-7	6/1/2015	96.74	5.76	NP	--	90.98	--
RW-7	6/15/2015	96.74	6.17	NP	--	90.57	--
RW-7	6/19/2015	96.74	6.32	NP	--	90.42	--
RW-7	6/29/2015	96.74	6.60	NP	--	90.14	--
RW-7	7/13/2015	96.74	6.96	NP	--	89.78	--
RW-7	7/28/2015	96.74	7.29	NP	--	89.45	--
RW-7	8/10/2015	96.74	7.66	NP	--	89.08	--
RW-7	8/24/2015	96.74	7.85	NP	--	88.89	--
RW-7	9/8/2015	96.74	7.27	NP	--	89.47	--
RW-7	9/21/2015	96.74	7.16	NP	--	89.58	--
RW-7	10/5/2015	96.74	7.37	NP	--	89.37	--
RW-7	10/12/2015	96.74	7.49	NP	--	89.25	--
RW-7	10/19/2015	96.74	7.84	NP	--	88.90	--
RW-7	11/2/2015	96.74	--	--	--	--	WI
RW-7	11/16/2015	96.74	--	--	--	--	NG
RW-7	11/30/2015	96.74	--	--	--	--	--
RW-7	1/18/2016	96.74	2.73	2.72	0.01	94.02	--
RW-7	2/1/2016	96.74	1.95	1.94	0.01	94.80	--
RW-7	2/15/2016	96.74	--	--	--	--	NG
RW-7	3/7/2016	96.74	2.66	2.60	0.06	94.12	--
RW-7	3/29/2016	96.74	2.21	2.17	0.04	94.56	--
RW-7	4/5/2016	96.74	2.40	0.02	2.38	96.12	--
RW-7	4/19/2016	96.74	3.39	NP	--	93.35	--
RW-7	5/10/2016	96.74	4.48	NP	--	92.26	--
RW-7	5/24/2016	96.74	4.94	NP	--	91.80	--
RW-7	6/7/2016	96.74	5.29	NP	--	91.45	--
RW-7	6/21/2016	96.74	4.86	NP	--	91.88	--
RW-7	7/19/2016	96.74	5.99	NP	--	90.75	--
RW-7	8/23/2016	96.74	6.94	NP	--	89.80	--
RW-7	9/20/2016	96.74	6.25	NP	--	90.49	--
RW-7	11/8/2016	96.74	2.77	NP	--	93.97	--
RW-7	12/6/2016	96.74	2.21	NP	--	94.53	--
RW-7	3/21/2017	96.74	1.43	NP	--	95.31	--
RW-7	4/27/2017	96.74	3.20	NP	--	93.54	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-7	5/30/2017	96.74	4.25	NP	--	92.49	--
RW-7	6/28/2017	96.74	5.58	NP	--	91.16	--
RW-7	8/3/2017	96.74	6.81	NP	--	89.93	--
RW-7	8/31/2017	96.74	7.50	NP	--	89.24	--
RW-7	9/26/2017	96.74	7.80	NP	--	88.94	--
RW-7	11/29/2017	96.74	2.88	NP	--	93.86	--
RW-7	2/27/2018	96.74	2.25	NP	--	94.49	--
RW-7	6/12/2018	96.74	5.47	NP	--	91.27	--
RW-7	8/29/2018	96.74	7.51	NP	--	89.23	--
RW-7	11/6/2018	96.74	6.25	NP	--	90.49	--
RW-7	3/6/2019	96.74	3.53	NP	--	93.21	--
RW-7	5/28/2019	96.74	5.70	NP	--	91.04	--
RW-7	9/3/2019	96.74	7.70	NP	--	89.04	--
RW-7	11/19/2019	96.74	3.32	NP	--	93.42	--
RW-8	1/5/2015	--	--	--	--	--	NG
RW-8	1/12/2015	--	--	--	--	--	NG
RW-8	1/13/2015	97.16	2.90	NP	--	94.26	--
RW-8	1/14/2015	97.16	3.02	NP	--	94.14	--
RW-8	1/19/2015	97.16	2.30	NP	--	94.86	--
RW-8	1/26/2015	97.16	2.21	NP	--	94.95	--
RW-8	2/2/2015	97.16	3.09	NP	--	94.07	--
RW-8	2/9/2015	97.16	2.13	NP	--	95.03	--
RW-8	2/16/2015	97.16	2.51	NP	--	94.65	--
RW-8	2/23/2015	97.16	3.11	NP	--	94.05	--
RW-8	3/2/2015	97.16	3.01	NP	--	94.15	--
RW-8	3/9/2015	97.16	3.61	NP	--	93.55	--
RW-8	3/16/2015	97.16	2.67	NP	--	94.49	--
RW-8	3/23/2015	97.16	2.61	NP	--	94.55	--
RW-8	3/30/2015	97.16	2.78	NP	--	94.38	--
RW-8	4/6/2015	97.16	3.47	NP	--	93.69	--
RW-8	4/7/2015	97.16	3.81	NP	--	93.35	--
RW-8	4/22/2015	97.16	4.45	NP	--	92.71	--
RW-8	5/4/2015	97.16	4.69	NP	--	92.47	--
RW-8	5/18/2015	97.16	5.14	NP	--	92.02	--
RW-8	6/1/2015	97.16	5.75	NP	--	91.41	--
RW-8	6/15/2015	97.16	6.20	NP	--	90.96	--
RW-8	6/19/2015	97.16	6.25	NP	--	90.91	--
RW-8	6/29/2015	97.16	6.74	NP	--	90.42	--

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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-8	7/13/2015	97.16	7.09	NP	--	90.07	--
RW-8	7/28/2015	97.16	7.44	NP	--	89.72	--
RW-8	8/10/2015	97.16	6.69	NP	--	90.47	--
RW-8	8/24/2015	97.16	--	--	--	--	Dry
RW-8	9/8/2015	97.16	--	--	--	--	WI
RW-8	9/21/2015	97.16	--	--	--	--	NG
RW-8	10/5/2015	97.16	--	--	--	--	NG
RW-8	10/12/2015	97.16	--	--	--	--	NG
RW-8	10/19/2015	97.16	--	--	--	--	NG
RW-8	11/2/2015	97.16	--	--	--	--	WI
RW-8	11/16/2015	97.16	--	--	--	--	NG
RW-8	11/30/2015	97.16	--	--	--	--	--
RW-8	1/18/2016	97.16	3.04	NP	--	94.12	--
RW-8	2/1/2016	97.16	2.10	NP	--	95.06	--
RW-8	2/15/2016	97.16	--	--	--	--	NG
RW-8	3/7/2016	97.16	3.82	NP	--	93.34	--
RW-8	3/29/2016	97.16	2.34	NP	--	94.82	--
RW-8	4/5/2016	97.16	2.43	NP	--	94.73	--
RW-8	4/19/2016	97.16	3.60	NP	--	93.56	--
RW-8	5/10/2016	97.16	4.58	NP	--	92.58	--
RW-8	5/24/2016	97.16	5.04	NP	--	92.12	--
RW-8	6/7/2016	97.16	5.38	NP	--	91.78	--
RW-8	6/21/2016	97.16	4.95	NP	--	92.21	--
RW-8	7/19/2016	97.16	6.05	NP	--	91.11	--
RW-8	8/23/2016	97.16	7.09	NP	--	90.07	--
RW-8	9/20/2016	97.16	6.35	NP	--	90.81	--
RW-8	11/8/2016	97.16	3.12	NP	--	94.04	--
RW-8	12/6/2016	97.16	2.37	NP	--	94.79	--
RW-8	3/21/2017	97.16	1.60	NP	--	95.56	--
RW-8	4/27/2017	97.16	3.35	NP	--	93.81	--
RW-8	5/30/2017	97.16	4.34	NP	--	92.82	--
RW-8	6/28/2017	97.16	5.61	NP	--	91.55	--
RW-8	8/3/2017	97.16	6.90	NP	--	90.26	--
RW-8	8/31/2017	97.16	7.55	NP	--	89.61	--
RW-8	9/26/2017	97.16	7.84	NP	--	89.32	--
RW-8	11/29/2017	97.16	3.77	NP	--	93.39	--
RW-8	2/27/2018	97.16	2.48	NP	--	94.68	--
RW-8	6/12/2018	97.16	5.48	NP	--	91.68	--
RW-8	8/29/2018	97.16	7.54	NP	--	89.62	--

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OPLC Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-8	11/6/2018	97.16	6.21	NP	--	90.95	--
RW-8	3/6/2019	97.16	3.80	NP	--	93.36	--
RW-8	5/28/2019	97.16	5.75	NP	--	91.41	--
RW-8	9/3/2019	97.16	7.63	7.62	0.01	89.54	--
RW-8	11/19/2019	97.16	3.67	NP	--	93.49	--
RW-9	1/5/2015	--	--	--	--	--	NG
RW-9	1/12/2015	--	--	--	--	--	NG
RW-9	1/13/2015	97.60	4.10	NP	--	93.50	--
RW-9	1/14/2015	97.60	4.14	NP	--	93.46	--
RW-9	1/19/2015	97.60	3.90	NP	--	93.70	--
RW-9	1/26/2015	97.60	3.79	NP	--	93.81	--
RW-9	2/2/2015	97.60	4.22	NP	--	93.38	--
RW-9	2/9/2015	97.60	3.77	NP	--	93.83	--
RW-9	2/16/2015	97.60	3.80	NP	--	93.80	--
RW-9	2/23/2015	97.60	4.23	NP	--	93.37	--
RW-9	3/2/2015	97.60	4.28	NP	--	93.32	--
RW-9	3/9/2015	97.60	5.61	NP	--	91.99	--
RW-9	3/16/2015	97.60	4.50	NP	--	93.10	--
RW-9	3/23/2015	97.60	4.28	NP	--	93.32	--
RW-9	3/30/2015	97.60	4.21	NP	--	93.39	--
RW-9	4/6/2015	97.60	4.57	NP	--	93.03	--
RW-9	4/7/2015	97.60	4.68	NP	--	92.92	--
RW-9	4/22/2015	97.60	5.88	NP	--	91.72	--
RW-9	5/4/2015	97.60	5.48	NP	--	92.12	--
RW-9	5/18/2015	97.60	5.84	NP	--	91.76	--
RW-9	6/1/2015	97.60	6.31	NP	--	91.29	--
RW-9	6/15/2015	97.60	--	--	--	--	Dry
RW-9	6/19/2015	97.60	6.36	NP	--	91.24	--
RW-9	6/29/2015	97.60	--	--	--	--	Dry
RW-9	7/13/2015	97.60	6.40	NP	--	91.20	--
RW-9	7/28/2015	97.60	--	--	--	--	Dry
RW-9	8/10/2015	97.60	--	--	--	--	Dry
RW-9	8/24/2015	97.60	--	--	--	--	Dry
RW-9	9/8/2015	97.60	--	--	--	--	WI
RW-9	9/21/2015	97.60	--	--	--	--	NG
RW-9	10/5/2015	97.60	--	--	--	--	WI
RW-9	10/12/2015	97.60	--	--	--	--	NG
RW-9	10/19/2015	97.60	--	--	--	--	NG

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-9	11/2/2015	97.60	--	--	--	--	WI
RW-9	11/16/2015	97.60	--	--	--	--	NG
RW-9	11/30/2015	97.60	--	--	--	--	--
RW-9	2/15/2016	97.60	--	--	--	--	NG
RW-9	11/29/2017	97.60	--	--	--	--	WD
RW-9	8/29/2018	97.60	--	--	--	--	NL
RW-9	3/6/2019	97.60	--	--	--	--	WD
SRW-1	6/23/1992	99.19	8.00	NP	--	91.19	--
SRW-1	7/2/1992	99.19	7.85	NP	--	91.34	--
SRW-1	8/17/1992	99.19	8.37	NP	--	90.82	--
SRW-1	9/30/1992	99.19	8.38	8.36	0.02	90.83	--
SRW-1	10/30/1992	99.19	8.26	NP	--	90.93	--
SRW-1	11/30/1992	99.19	6.80	NP	--	92.39	--
SRW-1	4/16/1993	99.19	6.94	NP	--	92.25	--
SRW-1	10/3/2000	99.19	8.05	NP	--	91.14	--
SRW-1	2/28/2001	99.19	6.50	6.49	0.01	92.70	--
SRW-1	5/30/2001	99.19	7.09	NP	--	92.10	--
SRW-1	8/22/2001	99.19	7.19	7.18	0.01	92.01	--
SRW-1	11/21/2001	99.19	6.21	NP	--	92.98	--
SRW-1	2/20/2002	99.19	--	--	--	--	NG
SRW-1	5/16/2002	99.19	--	--	--	--	NG
SRW-1	8/2/2002	99.19	7.33	7.32	0.01	91.87	--
SRW-1	12/19/2002	99.19	7.40	NP	--	91.79	--
SRW-1	5/19/2003	99.19	7.02	NP	--	92.17	--
SRW-1	11/13/2003	99.19	7.27	NP	--	91.92	--
SRW-1	6/4/2004	99.19	6.86	NP	--	92.33	--
SRW-1	10/7/2004	99.19	7.13	NP	--	92.06	--
SRW-1	4/28/2005	99.19	6.05	NP	--	93.14	--
SRW-1	11/16/2005	99.19	6.65	NP	--	92.54	--
SRW-1	6/13/2006	99.19	7.15	NP	--	92.04	--
SRW-1	2/26/2007	99.19	4.25	NP	--	94.94	--
SRW-1	5/9/2007	99.19	6.42	NP	--	92.77	--
SRW-1	7/16/2007	99.19	7.77	NP	--	91.42	--
SRW-1	8/22/2007	99.19	8.21	NP	--	90.98	--
SRW-1	9/25/2007	99.19	9.42	NP	--	89.77	--
SRW-1	10/25/2007	99.19	7.46	NP	--	91.73	--
SRW-1	11/9/2007	99.19	7.78	NP	--	91.41	--
SRW-1	12/3/2007	99.19	6.93	NP	--	92.26	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
SRW-1	1/17/2008	99.19	5.82	NP	--	93.37	--
SRW-1	4/7/2008	99.19	5.92	NP	--	93.27	--
SRW-1	7/22/2008	99.19	7.61	NP	--	91.58	--
SRW-1	10/21/2008	99.19	8.37	NP	--	90.82	--
SRW-1	8/24/2011	99.19	--	--	--	--	NG
SRW-1	11/15/2012	99.19	--	--	--	--	NG
SRW-1	3/27/2013	99.19	--	--	--	--	NG
SRW-1	12/17/2013	99.19	--	--	--	--	NG
SRW-1	6/19/2015	99.19	5.38	NP	--	93.81	--
AG WELL	12/1/2014	--	4.02	NP	--	--	--
AG WELL	11/10/2016	--	5.11	NP	--	--	--
AG WELL	3/21/2017	--	3.93	NP	--	--	--
AG WELL	4/27/2017	--	--	--	--	--	NG
AG WELL	5/30/2017	--	--	--	--	--	NG
AG WELL	6/28/2017	--	5.52	NP	--	--	--
AG WELL	8/3/2017	--	6.30	NP	--	--	--
AG WELL	8/31/2017	--	6.60	NP	--	--	--
AG WELL	9/26/2017	--	6.60	NP	--	--	--
AG WELL	11/29/2017	--	5.17	NP	--	--	--
AG WELL	2/27/2018	--	3.95	NP	--	--	--
AG WELL	11/6/2018	--	5.80	NP	--	--	--
AG WELL	11/28/2018	--	5.61	NP	--	--	--
AG WELL	3/6/2019	--	4.94	NP	--	--	--
AG WELL	5/28/2019	--	5.39	NP	--	--	--
AG WELL	9/3/2019	--	6.92	NP	--	--	--
AG WELL	11/19/2019	--	4.95	NP	--	--	--

TABLE 1
Groundwater Gauging Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers

Notes:

-- No Information Available

* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)

ABD - Abandoned

Dry - Well Dry

ft - feet

LNAPL - Light Non-Aqueous Phase Liquid

NG - Not gauged

NP - No Product

NS - Not Sampled

TOC - Top of Casing

WD - Well damaged/destroyed

WI - Well inaccessible

IW - Insufficient water

Well casing elevation was resurveyed on 11/19/19 by Antea Group

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
Well ID	Date							
C	6/4/2004	< 0.5	< 0.5	< 0.5	< 1	< 50	--	--
C	11/16/2005	< 0.5	< 0.5	< 0.5	< 1	< 50	95000	< 49500
C	6/13/2006	< 0.5	< 0.5	< 0.5	< 1	< 50	< 260	< 521
C	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	7/16/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	10/25/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	1/17/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	4/7/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	7/22/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	10/21/2008	< 0.5	< 0.5	< 0.5	< 1	75	< 236	< 472
C	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 238	< 476
C	7/6/2009	< 1.0	< 1.0	< 1.0	< 2.0	< 50	220	< 240
C	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 240
C	9/15/2010	< 1.0	< 1.0	1.4	< 3.0	< 50.0	< 76	< 380
C	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
C	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
C	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
C	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	437	399
C	3/27/2013	1.2	< 0.50	< 0.50	< 1.0	< 50	--	--
C	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	63	140	--
C	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	360	< 240
C	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
C	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	130	< 240
C	4/7/2015	58	< 2.0	< 3.0	< 3.0	< 50	120 Y	< 250
C	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	340	< 250
C	4/19/2016	12	< 2.0	< 3.0	< 3.0	< 50	360	< 250
C	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1800	340
C	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	210	< 250
C	3/22/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	120	< 260
C	6/27/2017	3.0	< 2.0	< 3.0	< 3.0	< 500	680	< 250
C	11/28/2017	< 2.0*	< 2.0	< 3.0	< 3.0	< 250	160	< 250
C	2/27/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	210	< 360
C	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	840	< 360
C	11/6/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	3300	680
C	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	700	670
C	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	2200	610
C	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	190	< 330

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-1	7/2/1992	< 1	< 1	< 1	< 1	--	190000	--
MW-1	10/3/2000	< 0.5	< 0.5	< 0.5	< 1	427	32400	< 5500
MW-1	2/28/2001	< 0.5	4.17	0.772	3.46	459	57600	< 5500
MW-1	5/30/2001	< 0.5	< 0.5	< 0.5	< 1	77.3	59700	< 20500
MW-1	8/22/2001	< 0.5	< 0.5	< 0.5	< 1	< 500	27700	< 5500
MW-1	11/21/2001	< 0.5	< 0.5	< 0.5	< 1	< 500	24100	< 5500
MW-1	2/20/2002	< 0.5	< 0.5	< 0.5	< 1	< 500	55300	< 10000
MW-1	5/16/2002	< 0.5	< 0.5	< 0.5	< 1	58.1	30200	< 5500
MW-1	8/2/2002	< 0.5	< 0.5	< 0.5	< 1	< 500	24500	< 5500
MW-1	12/19/2002	< 0.5	< 2	< 1	< 1.5	< 100	19500	< 500
MW-1	5/19/2003	< 0.5	< 0.5	< 0.5	< 1	122	26600	< 500
MW-1	11/13/2003	< 0.5	< 0.5	< 0.5	< 1	< 50	6180	< 500
MW-1	6/4/2004	< 0.5	< 0.5	< 0.5	< 1	< 50	21300	< 500
MW-1	10/7/2004	< 0.5	< 0.5	< 0.5	< 1	< 80	47400	< 500
MW-1	4/28/2005	< 0.5	< 0.5	< 0.5	< 1	< 80	7740	< 500
MW-1	11/16/2005	< 0.5	< 0.5	< 0.5	< 1	< 50	1790	< 500
MW-1	6/13/2006	< 0.5	< 0.5	< 0.5	< 1	< 50	5640	< 515
MW-1	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	508	< 472
MW-1	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	16000	< 943
MW-1	7/16/2007	< 0.5	< 0.5	< 0.5	< 1	< 80	12900	< 472
MW-1	10/25/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	288	< 490
MW-1	1/17/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 238	< 476
MW-1	4/7/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	2130	< 472
MW-1	7/22/2008	< 0.5	5.12	< 0.5	15.3	249	5890	< 472
MW-1	10/21/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	1220	< 472
MW-1	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	239	< 472
MW-1	7/6/2009	< 1.0	< 1.0	< 1.0	< 2.0	< 50	19000	1300
MW-1	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	310	< 240
MW-1	9/15/2010	1.9	< 1.0	4.5	< 3.0	< 50.0	79	< 380
MW-1	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-1	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	88	< 380
MW-1	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-1	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	< 185	< 185
MW-1	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	--
MW-1	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	190	< 240
MW-1	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-1	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	180	< 250
MW-1	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	160	< 240
MW-1	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	180 Y	< 250

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-1	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	290 Y	< 250
MW-1	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-1	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 250
MW-1	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	430	260
MW-1	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	470	< 250
MW-1	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	350	< 250
MW-1	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	170	< 250
MW-2	10/3/2000	970	56.1	1480	2190	13100	41400	< 5500
MW-2	2/28/2001	190	13.3	396	437	4370	10900	< 5500
MW-2	5/30/2001	227	12	374	425	2980	94200	< 500
MW-2	8/22/2001	943	53.2	1670	1590	11700	23800	< 500
MW-2	11/21/2001	138	3.5	204	115	1300	34800	< 20000
MW-2	2/20/2002	25.8	1.48	107	72.2	589	88900	< 500
MW-2	5/16/2002	263	8.3	460	168	2250	78500	--
MW-2	8/2/2002	716	34.4	1170	662	5880	15000	< 5000
MW-2	12/19/2002	1150	53.6	2100	567	8930	11800	< 500
MW-2	5/19/2003	113	4.05	187	41.2	1130	27900	< 500
MW-2	11/13/2003	236	7.52	361	48.9	2570	58000	< 500
MW-2	6/4/2004	9.61	< 0.5	9.86	< 1	289	27200	< 500
MW-2	4/28/2005	3.83	< 0.5	5.11	< 1	< 80	13100	< 500
MW-2	11/16/2005	344	10.3	987	52.4	5450	4680	< 500
MW-2	6/13/2006	16.8	< 0.5	14.3	< 1	133	2260	< 556
MW-2	2/26/2007	2.94	< 0.5	3.59	< 1	< 50	4730	< 472
MW-2	5/9/2007	32.4	< 0.5	33.4	1.19	243	2490	< 472
MW-2	7/16/2007	373	7.68	610	26.8	2370	9600	< 472
MW-2	10/25/2007	49.8	< 0.5	50.9	3.3	406	3490	< 476
MW-2	1/17/2008	21.6	< 0.5	56.2	3.4	398	971	< 472
MW-2	4/7/2008	168	2.39	249	12.6	1770	8440	< 472
MW-2	7/22/2008	0.65	< 0.5	< 0.5	< 1	< 50	525	< 472
MW-2	10/21/2008	523	6.78	964	29.3	6410	3530	< 472
MW-2	1/20/2009	56.4	0.568	29.7	1.41	405	3390	< 472
MW-2	7/6/2009	430	5.2	550	28.0	2900	35000	1000
MW-2	3/17/2010	32	< 1.0	5.2	< 2.0	120	780	< 240
MW-2	9/15/2010	512	4.8	665	20.7	814	790	< 380
MW-2	9/18/2010	512	4.8	665	20.7	814	790	< 380
MW-2	3/4/2011	1.4	< 1.0	< 1.0	< 3.0	< 50.0	210	< 380
MW-2	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	310	< 380
MW-2	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	84	< 380
MW-2	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	< 185	199

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-2	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-2	12/17/2013	1.6	< 1.0	< 1.0	< 3.0	< 50	320	--
MW-2	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	790	< 240
MW-2	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-2	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	340	< 250
MW-2	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	450	< 240
MW-2	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	350 Y	< 240
MW-2	7/13/2015	120 H	2.1	62 H	5.1	580	850 Y	< 250
MW-2	10/19/2015	130	3.2	69	8.2	950	330	< 250
MW-2	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1300	630
MW-2	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	900	460
MW-2	7/20/2016	210	< 2.0	20	3.2	880	1300	< 250
MW-2	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1500	900
MW-2	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	450	270
MW-2	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500F1	1800	1100
MW-2	11/28/2017	< 2.0*	< 2.0	< 3.0	< 3.0	< 250	1500	860
MW-2	2/27/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	810	630
MW-2	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1600	730
MW-2	8/29/2018	18	< 2.0	4.9	< 3.0	< 500	2900	1100
MW-2	11/6/2018	4.0	< 2.0	< 3.0	< 3.0	< 250	4400	3100
MW-2	3/7/2019	51 F2	< 2.0F1F2	9.0 F1F2	< 3.0F1F2	740 F1F2	2000	1400
MW-2	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1600	1000
MW-2	9/3/2019	88 F2	4.3 F1	37 F2F1	13 F2F1	1500 F1F2	3800 F1	820
MW-2	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	730	1400
MW-9	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
MW-9	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 245	< 490
MW-9	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-9	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-9	11/19/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
MW-9	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-9	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-9	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-9	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-9	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-9	2/27/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 350
MW-9	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 2500	< 110	< 350
MW-12	11/21/2001	25.6	1.16	79.5	6.77	1150	1790	< 500
MW-12	5/16/2002	26.4	22.4	14.1	1.4	199	546	< 500

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Groundwater Analytical Data
OPLC Allen Pump Station
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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-12	12/19/2002	40.9	3.3	97.6	9.6	934	< 250	< 500
MW-12	5/19/2003	46	0.534	8.75	< 1	165	1100	< 500
MW-12	11/13/2003	20	1.38	96.6	7.54	1520	346	< 500
MW-12	6/4/2004	8.82	< 0.5	6.21	< 1	169	< 250	< 500
MW-12	10/7/2004	16.4	0.54	22.8	< 1	306	544	< 500
MW-12	4/28/2005	2.24	< 0.5	7.26	< 1	< 80	< 250	< 500
MW-12	11/16/2005	13.1	1.12	91.8	4.74	691	< 253	< 505
MW-12	6/13/2006	9.73	0.851	42.2	2.02	216	< 263	< 526
MW-12	2/26/2007	0.514	< 0.5	5.57	< 1	77.2	< 243	< 485
MW-12	5/9/2007	4.75	< 0.5	8.16	< 1	117	< 236	< 472
MW-12	7/16/2007	3.66	< 0.5	1.96	< 1	173	< 236	< 472
MW-12	10/25/2007	2.4	< 0.5	8.68	< 1	241	< 236	< 472
MW-12	1/17/2008	0.723	< 0.5	4.28	< 1	53.5	< 236	< 472
MW-12	4/7/2008	1.35	< 0.5	9.46	< 1	86.4	< 236	< 472
MW-12	7/22/2008	11.6	2.09	37.1	17.3	1010	< 240	< 481
MW-12	10/21/2008	0.893	1.25	< 0.5	< 1	225	--	--
MW-12	1/20/2009	< 0.5	< 0.5	1.24	< 1	< 50	< 236	< 472
MW-12	7/6/2009	< 1.0	22	< 1.0	< 2.0	600	1200	500
MW-12	3/17/2010	1.1	< 1.0	5.9	< 2.0	82	210	< 240
MW-12	9/15/2010	1.5	< 1.0	1.9	< 3.0	244	180	< 380
MW-12	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-12	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 76	< 380
MW-12	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-12	11/15/2012	< 1	< 1	< 1	< 3	< 100	< 189	< 189
MW-12	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-12	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	--
MW-12	6/24/2014	2.2	2.3	33	< 3.0	350	470	< 240
MW-12	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-12	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
MW-12	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-12	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	120 Y	< 240
MW-12	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	280	< 250
MW-12	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	330	< 250
MW-12	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	440	< 250
MW-12	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	120	< 250
MW-12	3/22/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-14	7/2/1992	330	39	690	810	--	--	--
MW-14	11/21/2001	175	11.8	294	32.8	8960	1900000	< 238000
MW-14	8/2/2002	226	12.3	331	30.7	4540	355000	< 50000

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-14	6/4/2004	142	--	514	106	42300	583000	1320
MW-14	11/16/2005	40.5	3.61	108	13.9	3980	22200	< 5000
MW-14	6/13/2006	84.2	7.75	356	25.4	6730	96600	< 5210
MW-14	2/26/2007	12.9	1.01	53.6	16.1	2870	39800	< 2430
MW-14	5/9/2007	74.3	5.54	298	19.9	3930	89900	< 4720
MW-14	7/16/2007	87.4	8.74	389	29.2	3230	61600	< 9430
MW-14	10/25/2007	19.7	< 0.5	107	11.8	3280	5550	< 490
MW-14	1/17/2008	11.3	1.15	46.3	5.78	1880	14200	< 476
MW-14	4/7/2008	9.4	1.38	57	6.13	1590	8260	< 472
MW-14	7/22/2008	47.4	5.56	261	17.8	2120	4900	< 2360
MW-14	10/21/2008	37.8	6.1	345	23.4	3910	317000	< 472
MW-14	1/20/2009	4.16	0.609	12.8	2.56	944	4640	< 485
MW-14	7/6/2009	32	3.4	87	8.9	1100	140000	< 2400
MW-14	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	72	190	< 240
MW-14	9/15/2010	9.4	1.3	19.2	< 3.0	470	3100	< 380
MW-14	9/16/2010	9.4	1.3	19.2	< 3.0	470	3100	< 380
MW-14	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	170	< 380
MW-14	8/24/2011	22.1	2.3	75.9	6.6	910	1500	< 380
MW-14	12/17/2013	1	< 1.0	1.5	< 3.0	190	2600	--
MW-14	6/24/2014	4.1	< 1.0	8.1	< 3.0	600	420	< 240
MW-14	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-14	11/18/2014	1.4	< 1.0	1.6	< 3.0	110	340	< 250
MW-14	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	470	< 240
MW-14	4/7/2015	2.5	< 2.0	6.0	< 3.0	370	420 Y	< 240
MW-14	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	420	< 250
MW-14	4/20/2016	3.2	< 2.0	4.5	10	190	650	< 250
MW-14	7/20/2016	4.7	< 2.0	4.5	< 3.0	350	900	< 250
MW-14	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	400	280
MW-14	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 250
MW-14	6/27/2017	5.5	< 2.0	3.2	< 3.0	< 500	1200	290
MW-14	11/28/2017	< 2.0*	< 2.0	< 3.0	< 3.0	< 250	230	< 250
MW-14	2/27/2018	< 3.0*	< 2.0F1*	< 3.0*	< 3.0*	< 250	230 F1	< 360F1
MW-14	6/13/2018	5.0	< 2.0	4.2	< 3.0	410	830	< 360
MW-14	11/6/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	830	< 350
MW-14	3/7/2019	< 3.0F1F2	< 2.0F1	< 3.0F1	< 3.0F1F2	510 F1	710	< 350
MW-14	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1400	< 350
MW-14	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-17A	4/28/2005	12.5	4.33	122	4.65	2100	7926	< 500
MW-17A	11/16/2005	39	1.77	77.5	2.82	2570	< 245	< 490

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-17A	6/13/2006	20.3	3.55	104	6.56	2570	< 250	< 500
MW-17A	2/26/2007	17	2.78	97.8	5.3	3110	255	< 485
MW-17A	5/9/2007	18.8	3.69	87.6	6.42	3590	330	< 472
MW-17A	7/16/2007	20.2	3.36	50.8	4.86	1250	240	< 472
MW-17A	10/25/2007	23.6	1.71	47.3	2.17	2550	< 236	< 472
MW-17A	1/17/2008	20.2	2.65	81.7	5.95	2890	< 236	< 472
MW-17A	4/7/2008	21.1	3.22	94.6	6.51	3740	530	< 472
MW-17A	7/22/2008	23	6.23	9.03	< 5	4760	< 0.243	< 485
MW-17A	10/21/2008	24.2	2.53	21.6	4.34	3480	658	< 472
MW-17A	1/20/2009	15.1	2.9	71.7	6.72	4720	786	< 472
MW-17A	7/6/2009	21	2.6	48	6.4	3800	4000	1300
MW-17A	3/1/2010	7.6	2.4	31.3	5.9	3020	650	< 380
MW-17A	3/17/2010	8.6	1.3	29	3.2	1600	900	< 240
MW-17A	9/15/2010	13.0	1.9	13.8	3.8	1070	440	< 380
MW-17A	9/17/2010	13.0	1.9	13.8	3.8	1070	440	< 380
MW-17A	3/4/2011	7.6	2.4	31.3	5.9	3020	650	< 380
MW-17A	8/24/2011	9.1	3.2	15.8	5.2	3340	460	< 380
MW-17A	5/10/2012	34.9	2.4	26.2	4.9	3220	710	< 380
MW-17A	11/15/2012	64.4	2.7	11.3	4.2	2710	628	< 182
MW-17A	3/27/2013	200	2.9	15	3.5	2600	--	--
MW-17A	12/17/2013	130	1.8	8.5	< 3.0	2100	610	--
MW-17A	6/24/2014	390	3.8	15	3.9	3800	1200	< 240
MW-17A	11/6/2014	180	2.4	3.4	< 3.0	820	230	< 250
MW-17A	11/17/2014	350	5.9	12	24	1700	1300	380
MW-17A	1/14/2015	380	< 10	23	< 30	3100	1100	< 250
MW-17A	4/7/2015	250	4.7	12	3.4	3400	670 Y	< 240
MW-17A	1/18/2016	2.6	< 2.0	< 3.0	< 3.0	1100	1200	< 250
MW-17A	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	340	660	280
MW-17A	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	340	< 250
MW-17A	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	380	< 250
MW-18	12/17/2013	8.4	5.1	1300	3500	30000	4800	--
MW-18	6/24/2014	14	3.4	52	2600	36000	2200	< 240
MW-18	11/6/2014	110	200	1100	2500	19000	3800	880
MW-18	1/13/2015	93	920	580	2400	20000	2400	< 240
MW-18	4/6/2015	1000	6500	2100	8900	18000	1800 Y	< 240
MW-18	10/19/2015	470	800	790	2000	21000	16000	790
MW-18	1/19/2016	130	240	910	2900	26000	5400	300
MW-18	4/20/2016	1000	400	1400	3000	27000	4800	< 250
MW-18	7/19/2016	420	< 200	1300	2600	26000	3100	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-18	11/8/2016	120	40	690	1200	16000	4000	< 250
MW-18	3/21/2017	130	< 50	1300	1800	24000	5300	< 250
MW-18	6/28/2017	550	42	1400	1700	22000	7100	300
MW-18	9/26/2017	670	27	1100	960	24000	4000	< 250
MW-19	12/17/2013	610	10	1700	34	14000	3600	--
MW-19	6/24/2014	440	7.8	4.5	71	1300	1500	< 240
MW-19	11/6/2014	690	11	1500	150	9600	2100	< 250
MW-19	11/17/2014	530	12	1500	130	9700	2900	< 250
MW-19	1/15/2015	570	< 50	1100	< 150	11000	3000	< 270
MW-19	4/6/2015	580	9.3	1600	74	11000	2700 Y	< 250
MW-19	7/13/2015	500 H	< 100H	1100 H	< 150H	11000	3300 Y	< 250
MW-19	10/20/2015	670	< 20	1300	45	9200	1800	< 250
MW-19	1/19/2016	480 F1	< 20	840	76	9600	4500 F2F1	560 F1
MW-19	7/19/2016	680	9.3	1200	78	9700	3300	< 250
MW-19	11/9/2016	810	8.5	1500	55	9600	3300	270
MW-19	3/22/2017	440 H	8.0	1300 H	71	91000	4400	410
MW-19	6/27/2017	540	7.7	1300	49	9300	5400	630
MW-19	9/27/2017	520	< 20	750	36	12000	3500	< 260
MW-19	11/28/2017	620	< 200	970	< 300	9900	3000	< 260
MW-19	2/27/2018	500	< 20	1300	78 *	8000	3800	500
MW-19	6/13/2018	400	10	1300	64	10000	4100	390
MW-19	8/29/2018	640	< 20	890	40	14000 H	3600	< 360
MW-19	11/6/2018	820	9.2	1000	53	9400	3400	400
MW-19	3/7/2019	380	12	1600	72	12000	5200	680
MW-19	5/28/2019	470	12	1400	57	9800	3300	< 350
MW-19	9/4/2019	810	7.7	720	29	6000	3100	< 350
MW-19	11/19/2019	680	8.4	920	34	8800	3300	410
MW-20	12/17/2013	590	6.6	7.4	8.5	1600	530	--
MW-20	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	170	< 120	< 240
MW-20	11/6/2014	190	1.9	5.9	3.2	460	240	< 250
MW-20	11/17/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
MW-20	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	200	< 120	< 240
MW-20	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-20	7/13/2015	360 H	6.2	42	17	1700	650 Y	< 250
MW-20	10/19/2015	330	3.6	5.2	4.7	910	290	< 250
MW-20	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	7/20/2016	34	< 20	< 30	< 30	190	270	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-20	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	6/27/2017	20	< 2.0	< 3.0	< 3.0	< 500	530	< 250
MW-20	9/26/2017	64	< 2.0	< 3.0	< 3.0	860	600	370
MW-20	11/28/2017	2.5	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-20	2/27/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 350
MW-20	6/13/2018	< 15	< 10	< 15	< 15	370	310	< 350
MW-20	8/29/2018	37	< 2.0	< 3.0	< 3.0	870 H	150	< 360
MW-20	11/6/2018	8.5	< 2.0	< 3.0	< 3.0	260	180	< 350
MW-20	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-20	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	260	< 350
MW-20	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	270	< 350
MW-20	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-21	12/17/2013	62	3.5	550	130	12000	3600	--
MW-21	6/24/2014	30	2.3	470	140	12000	2200	< 240
MW-21	11/6/2014	300	10	490	180	7300	2500	340
MW-21	11/17/2014	200	< 10	800	250	9300	2600	< 250
MW-21	1/15/2015	76	< 50	790	230	12000	4600	< 240
MW-21	4/7/2015	50	3.1	700	130	13000	2600 Y	< 250
MW-21	7/14/2015	41 F1	3.3 F1	340 H	72 H	12000	2500 F1Y	< 250F1
MW-21	10/19/2015	99	2.7	360	98	9600	2000	< 250
MW-21	1/18/2016	56	3.6	740	330	14000	5300	350
MW-21	4/19/2016	47	2.9	1000	210	13000	4100	< 250
MW-21	7/20/2016	40	2.7	390	46	9500	4700	280
MW-21	11/8/2016	44	< 20	680	160	10000	5700	260
MW-21	3/21/2017	49	< 20	750	270	12000	5200	310
MW-21	6/27/2017	15	2.9	530	94	9700	6000	740
MW-21	9/26/2017	35	< 10	210	50	12000	9200	1200
MW-21	11/28/2017	< 200	< 200	500	< 300	9600	4100	250
MW-21	2/27/2018	38 *	< 20	610	140 *	8900	4500	420
MW-21	6/13/2018	6.3	2.9	460	74	8500	5500	530
MW-21	8/29/2018	19	< 10	230	28	13000 H	7600	1600
MW-21	11/6/2018	48	4.1	410	83	9500	6100	540
MW-21	3/7/2019	32	3.7	670	130	11000	9700	2600
MW-21	5/28/2019	33	3.8	500	68	7900	5700	990
MW-21	9/3/2019	40	4.7	190	40	7000	9000	1400
MW-21	11/19/2019	19	3.6	520	87	11000	6000	1400
MW-22	12/17/2013	< 1.0	< 1.0	41	31	5600	3600	--

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-22	6/24/2014	< 1.0	< 1.0	34	28	6100	2800	--
MW-22	11/7/2014	< 1.0	< 1.0	8.2	8.2	2800	--	--
MW-22	11/18/2014	< 1.0	< 1.0	17	21	2800	1900	< 250
MW-22	1/12/2015	< 1.0	< 1.0	16	22	3800	2600	280
MW-22	4/7/2015	< 2.0	< 2.0	19	21	5500	2100 Y	< 240
MW-22	7/13/2015	< 2.0	< 2.0	20	24	4400	2500 Y	< 250
MW-22	10/20/2015	< 2.0	< 2.0	8.2	20	3400	1700 F1	< 250F1
MW-22	1/19/2016	< 2.0	< 2.0	3.3	4.7	1600	2800	620
MW-22	4/20/2016	< 2.0	< 2.0	4.7	8.2	1700	1600	380
MW-22	7/20/2016	< 200	< 200	< 300	< 300	2800	2100	< 250
MW-22	11/9/2016	< 2.0	< 2.0	< 3.0	5.8	1300	2600	620
MW-22	3/22/2017	< 2.0	< 2.0	< 3.0H	7.3	1000 H	1500	360
MW-22	6/28/2017	< 2.0	< 2.0	4.1	19	2300	2800	580
MW-22	9/27/2017	< 2.0	< 2.0	6.1	6.8	2400	4500	1100
MW-23	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	1500	2200	--
MW-23	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	1400	1800	< 240
MW-23	11/18/2014	1.9	< 1.0	< 1.0	< 3.0	920	1800	< 250
MW-23	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	960	2100	< 250
MW-23	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	1500	2000 Y	< 250
MW-23	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	1100	1700 Y	< 250
MW-23	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	1300	860	< 250
MW-23	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	1600	5700	820
MW-23	4/20/2016	< 2.0	< 2.0	4.4	22	1500	4000	610
MW-23	7/20/2016	< 2.0F1	< 2.0	< 3.0	5.0	1400	2800 F1F2	330 F1F2
MW-23	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	1200	4100	570
MW-23	3/22/2017	< 2.0	< 2.0	< 3.0	< 3.0	1300 H	3700	630
MW-23	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1200	4300	670
MW-23	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	750	3600	560
MW-24	11/18/2014	4.9	4.3	34	19	1100	310	< 250
MW-24	1/14/2015	4.7	1.4	100	12	2100	1100	< 250
MW-24	4/6/2015	5.3	< 2.0	89	14	2700	770 Y	< 240
MW-24	7/14/2015	< 40	< 40	270	< 60	4200 F1	820 Y	< 250
MW-24	10/19/2015	11	< 2.0	180	5.1	3100	680	< 250
MW-24	1/18/2016	11	13	73	99	3300	1800	< 250
MW-24	7/19/2016	17	2.1	53	58	2300	770	< 250
MW-24	11/9/2016	42	< 2.0	62	10	2300	1600	< 250
MW-24	3/22/2017	19	< 2.0	57	21	2600 H	1400	< 260

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OPLC Allen Pump Station
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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-25	11/19/2014	410	13	2000	100	13000	1300	< 250
MW-25	1/13/2015	350	< 25	1300	< 75	10000	2600	< 240
MW-25	4/6/2015	170	4.1	790	11	9000	1800 Y	< 250
MW-25	7/14/2015	130	5.1	360	10	6300	1800 Y	< 250
MW-25	10/19/2015	170	6.9	460	37	6300	1300	< 250
MW-25	1/18/2016	230	6.0	700	17	11000	3300	< 250
MW-25	4/19/2016	220	8.5	1100	34	9600	3300	< 250
MW-25	7/19/2016	210	8.8	660	32	8300	2500	< 250
MW-25	11/8/2016	97	5.1	99	11	5600	2500	< 250
MW-25	3/21/2017	350	< 20	1200 H	< 30	9300 H	4100	< 260
MW-25	6/27/2017	340	9.1	700	25	8200	2700	< 260
MW-25	9/26/2017	270	< 10	150	< 15	5900	2500	< 250
MW-27	11/18/2014	< 1.0	< 1.0	18	81	4800	1300	360
MW-27	1/13/2015	5.3	< 5.0	120	40	7400	2200	< 240
MW-27	4/6/2015	3.3	< 2.0	73 F1	14	8500	2000 YF1	< 240
MW-27	7/13/2015	5.8	3.0	270 H	76 H	11000	3300 Y	< 270
MW-27	10/19/2015	3.9	< 2.0	160	49	10000	2200	< 250
MW-27	1/18/2016	< 2.0	< 2.0	49	3.9	7600	3300	< 250
MW-27	7/19/2016	5.7	2.6	120	45	6500	2100	< 250
MW-27	3/22/2017	2.5 H	< 2.0H	52 H	9.2 H	4400 H	1900 F1	< 250F1F2
MW-27	6/28/2017	3.0	< 2.0	130	23	5800	2400	< 250
MW-27	9/28/2017	6.2	< 2.0	310	8.8	9900	2600 F2F1	< 250F2
MW-28	11/18/2014	48	< 10	530	190	9500	1800	300
MW-28	1/13/2015	220	440	400	320	9900	2300	< 240
MW-28	4/6/2015	140	240	300	180	9900	2300 Y	< 250
MW-28	7/14/2015	40 F1	22 F1	730 F2F1	73	9100	2000 Y	< 250
MW-28	10/20/2015	130	34	610	53	8600	2200 H	< 250H
MW-28	7/19/2016	860	56	340	110	6800	2300	< 250
MW-28	11/9/2016	2700	54	510	300	7700	4100	< 250
MW-29	11/18/2014	1300	15	1000	580	8000	950	< 250
MW-29	1/14/2015	1100	110	1300	2000	18000	2800	< 240
MW-29	4/6/2015	350	62	1700	5000	35000	3700 Y	< 240
MW-29	7/13/2015	820 H	< 200H	1400 H	2200 H	20000	2700 Y	< 250
MW-29	10/20/2015	1100	100	900	320	7000	1400 H	< 250H
MW-29	1/18/2016	780	64	1200	2100	16000	15000	13000
MW-29	4/20/2016	340 H	48	1300 H	580	27000	3200 F1	< 250
MW-29	7/19/2016	200	28	510	2300	14000	2300	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-29	11/9/2016	5.8	< 2.0	3.0	18	160	310	< 250
MW-29	3/22/2017	35	3.7	83 H	180	1700 H	370	< 250
MW-29	6/28/2017	86	10 F1	120 E	320	3500 F2F1	1400	780 F1
MW-29	9/28/2017	580	40	110	620	9800	1800	< 260
MW-31	1/12/2015	3300	690	3300	17000	69000	4100	< 240
MW-31	4/6/2015	2500	590	2800	18000	60000	3100 Y	< 240
MW-31	7/13/2015	1500 H	530 H	2500 H	13000 H	72000 H	2400 Y	< 250
MW-31	10/20/2015	2200	630	2800	15000	57000	2100	< 250
MW-31	1/19/2016	2100	580	2200	11000	58000	4500	390
MW-31	4/20/2016	2400 H	< 1000H	3000 H	15000 H	60000	5300	290
MW-31	7/19/2016	2300	570	3000	16000	56000	2600	320
MW-31	11/9/2016	2000	470	2100	9200	46000	3500	390
MW-31	3/22/2017	1900 H	450 H	2900 H	12000 H	59000 H	4100	< 250
MW-31	6/28/2017	1800	420	2700	12000	56000 H	3200	< 260
MW-31	9/28/2017	2900	530	2600	11000	66000	3300	< 250
MW-32	11/18/2014	29	< 10	1600	150	13000	1300	< 250
MW-32	1/13/2015	5.5	2.9	860	39	11000	2200	< 240
MW-32	4/6/2015	4.9	4.9	1300	46	15000 B	2800 Y	< 240
MW-32	7/14/2015	< 20	< 20F1	970 H	< 30	9800	990 Y	< 250
MW-32	4/20/2016	21	11	1200 H	29	14000	5000	< 250
MW-32	7/19/2016	25	5.6	1100	36	14000	3300	< 250
MW-32	11/8/2016	45	< 20	1400	< 30	11000	3200	< 250
MW-32	3/22/2017	28 H	< 20H	520 H	< 30H	9700 H	3600	< 250
MW-32	6/27/2017	41	6.0	1000	21	12000	4200	< 250
MW-32	9/28/2017	32	< 10	880	< 15	11000	2200	< 250
MW-35	1/14/2015	15000	8700	2900	12000	74000	3100	< 250
MW-35	4/6/2015	12000	11000	2700	17000	80000	3400 Y	< 240
MW-35	7/13/2015	8000 HE	2600 H	2200 H	11000 H	60000 H	4100 Y	< 250
MW-35	10/20/2015	10000	2100	2800	9600	46000	2900	< 250
MW-35	1/19/2016	9400	4600	2200	11000	55000	4600	280
MW-35	4/19/2016	11000	6800	2700	13000	71000	5100	250
MW-35	7/19/2016	12000	18000	2800	13000	82000	4900	< 250
MW-35	11/9/2016	10000	5700	2500	11000	59000	5300	280
MW-35	3/22/2017	11000 H	10000 H	2800 H	8900 H	91000 H	6100	< 250
MW-35	6/28/2017	9600 E	10000 E	2600	13000	84000 H	6700	< 250
MW-35	9/28/2017	11000	1000	2100	7600	69000	3700	< 250
MW-35	11/28/2017	8800	580	1900	8000	48000	4100	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-35	2/27/2018	12000 *	3700	3000	14000 *	110000	4800	< 350
MW-35	8/29/2018	12000	1600	2900	12000	88000 H	7100	< 360
MW-35	11/6/2018	9400	960	3400	14000	54000	7400	450
MW-35	3/7/2019	12000	740	3400	14000	54000	7300	520
MW-35	5/28/2019	11000	< 2000	3100	15000	62000	6000	< 350
MW-35	9/4/2019	11000	280	2600 F1	10000	22000 F1F2	4600 F1	< 350
MW-35	11/19/2019	9300	440	2600	13000	62000	8400	580
MW-36	1/12/2015	7300	570	2700	13000	59000	2400	< 240
MW-36	4/6/2015	5500	440	2400	9900	52000	3100 Y	< 250
MW-36	7/13/2015	5900 H	380 H	2100 H	10000 H	47000 H	3700 Y	< 250
MW-36	10/20/2015	5300	360	2700	13000	59000	2800	< 250
MW-36	1/19/2016	6100	400	2200	10000	49000	5500	330
MW-36	4/19/2016	5900	320	2700	11000	49000	4500	< 250
MW-36	7/19/2016	6100	310	2700	11000	46000	3400	< 250
MW-36	11/9/2016	5100 F1	250 F1	1900	6500	44000	3700 F1F2	< 260F2
MW-36	3/22/2017	5800 H	< 100H	2900 H	8400 H	46000 H	4200	< 250
MW-36	6/28/2017	5100 HE	230 H	2500 H	7400 H	43000 H	4500	< 260
MW-37	11/18/2014	16	6	8.3	31	270	400	< 250
MW-37	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	80	< 120	< 250
MW-37	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-37	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	4/19/2016	< 2.0	< 2.0	< 3.0	8.0	< 50	< 110	< 250
MW-37	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-38	11/18/2014	30	4.4	9.2	59	910	190	< 250
MW-38	1/13/2015	32	< 1.0	1.3	< 3.0	560	260	< 240
MW-38	4/6/2015	19	< 2.0	< 3.0	< 3.0	460	200 Y	< 270
MW-38	7/14/2015	26	< 2.0	< 3.0	< 3.0	470 H	240 Y	< 250
MW-38	10/19/2015	33 F1	< 2.0	< 3.0	< 3.0	890	270	< 250F2
MW-38	1/18/2016	25	< 2.0	< 3.0	< 3.0	600	260	< 250
MW-38	4/19/2016	12	< 2.0	4.3	4.3	290	200	< 250
MW-38	7/19/2016	46	< 2.0	9.8	< 3.0	700	360	< 250
MW-38	11/8/2016	66	2.0	< 3.0	< 3.0	870	490	< 250
MW-38	3/21/2017	3.0	< 2.0	< 3.0	< 3.0	150 H	140	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-38	6/27/2017	7.7	< 2.0	< 3.0	< 3.0	< 500	160	< 250
MW-38	9/26/2017	10	< 2.0	< 3.0	< 3.0	< 500	180	< 250
MW-39	11/18/2014	9.6	12	12	44	430	430	< 250
MW-39	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	72	< 120	< 240
MW-39	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190 Y	< 260
MW-39	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	110 Y	< 250
MW-39	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	57	< 110	< 250
MW-39	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-39	11/28/2017	< 2.0*	< 2.0	< 3.0	< 3.0	< 250	100	< 250
MW-39	2/27/2018	5.7 *	< 2.0	4.5 *	23 *	< 250	230	< 360
MW-39	6/13/2018	< 3.0	< 2.0	< 3.0F1	< 3.0F1	< 250	190 F1F2	< 350
MW-39	11/6/2018	4.9	< 2.0	< 3.0	8.5	< 250	110	< 350
MW-39	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-39	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-39	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-39	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-40	11/19/2014	1.9	< 1.0	4.9	< 3.0	140	< 130	< 250
MW-40	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-40	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-40	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	10/19/2015	6.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-41	11/19/2014	11	3.5	33	16	1000	170	< 250
MW-41	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-41	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	7/14/2015	< 40	< 40	< 60	< 60	2600 H	590 Y	< 250
MW-41	10/20/2015	120	2.0	25	< 3.0	2800	640	< 250
MW-41	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-41	7/20/2016	9.4	< 2.0	4.4	< 3.0	310	170	< 250
MW-41	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	3/22/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	210 H	< 110	< 260
MW-41	6/28/2017	2.7 H	< 2.0	< 3.0H	< 3.0H	< 500	< 100	< 250
MW-41	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-41	11/29/2017	< 2.0*	< 2.0	< 3.0	< 3.0	< 250	< 100	< 260
MW-41	2/28/2018	< 3.0*	< 2.0*	< 3.0*	4.4 *	< 250	< 110	< 360
MW-41	6/12/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-41	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	530	< 350
MW-41	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-41	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	9/3/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-41	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-42	11/19/2014	990	17	2500	5500	31000	2400	< 250
MW-42	1/12/2015	780	22	2300	4200	27000	4000	< 250
MW-42	4/7/2015	320	32	2500	7000	35000	3100 Y	< 240
MW-42	7/14/2015	660	< 40	1800 H	4500 H	31000 H	2300 Y	< 250
MW-42	1/19/2016	170	32	2000	3200	23000	3100	< 250
MW-42	4/20/2016	290 H	26	2100 H	3300 H	26000	3000	< 250
MW-42	7/20/2016	< 2000	< 2000	< 3000	6300	36000	3400 *	< 250*
MW-42	11/9/2016	450	< 40	1700	3900	27000	3900 F1F2	< 260F2
MW-42	3/22/2017	820 H	17	2000 H	2200 H	23000 H	3400	< 250
MW-43	11/19/2014	< 1.0	5.2	370	1900	29000	1900	< 250
MW-43	1/12/2015	1.2	5.2	290	1500	33000	5700	< 240
MW-43	4/7/2015	4.2	12	410	1900	32000	4700 Y	< 240
MW-43	7/14/2015	< 40	< 40	580	2000 H	33000 H	2600 Y	< 260
MW-43	10/20/2015	31	16	790	2000	28000 H	5100 H	< 250H
MW-43	1/19/2016	< 2.0	5.2	270	1400	35000	5000 F1	< 250
MW-43	4/20/2016	3.4	7.8	300 H	1400 H	31000	4200	< 250
MW-43	7/20/2016	21	16	540 F1	2600	34000	3900 F1*	< 250*
MW-43	11/9/2016	< 40	< 40	230	960	20000	4900	< 250
MW-43	3/22/2017	< 200H	< 200H	< 300H	660 H	26000 H	4900 F1	< 250
MW-43	6/28/2017	24 F1	15	230 E	620	25000	3600 F2F1	< 250F2
MW-43	9/27/2017	< 20	< 20	390	1100	25000	4300	< 260
MW-43	11/29/2017	< 20	< 20	120	520	25000	4700	< 250
MW-43	2/28/2018	< 3.0*	< 200	< 150*	290 *	21000	4300	< 350
MW-43	6/12/2018	23	14	390	1600	23000	4800	< 350

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-43	8/30/2018	< 20	< 20	400	1100	27000	7500	< 350
MW-43	11/7/2018	3.6	7.2	310	1500	29000	9700	< 350
MW-43	3/7/2019	4.1	18	290	1200	23000	6900	< 350
MW-43	5/29/2019	9.8	13	340	490	23000	5600	< 350
MW-43	9/3/2019	13	14	420	660	20000	4700	< 350
MW-43	11/19/2019	3.9	6.2	350	1400	28000	11000	500
MW-44	11/19/2014	130	8	1100	230	9300	1400	330
MW-44	1/12/2015	8.2	12	800	1900	12000	1900	< 240
MW-44	4/7/2015	5.2	14	670	100	10000	1900 Y	< 240
MW-44	7/13/2015	70 H	< 40H	920 H	92 H	9400 H	1300 Y	< 250
MW-44	10/20/2015	350	33	1400	77	10000	1300	< 250
MW-44	10/20/2015	1100	17	2100	4500	27000	2400	< 250
MW-44	1/19/2016	22	7.4	910	180	9400	1600	< 250
MW-44	4/20/2016	6.6	6.8	730 H	< 300H	10000	1800	< 250
MW-44	7/20/2016	< 200	< 200	800	< 300	7700	1700 *	< 250*
MW-44	11/9/2016	5.1	4.3	590	82	7500	1700	< 250
MW-44	3/22/2017	< 20H	5.5	580 H	91	8000 H	1800	< 250
MW-44	6/28/2017	11	4.7	580 H	54	7100	< 100	< 250
MW-44	9/27/2017	76	< 10	550	19	8900	1300	< 250
MW-44	11/29/2017	< 20	< 20	480	48	7200	1600	< 250
MW-44	2/28/2018	7.2 *	< 200	630	72 *	6200	1700	< 360
MW-44	6/12/2018	13	3.1	810	69	5800	2200	< 360
MW-44	8/30/2018	58	< 10	500	16	9300	2100	870
MW-44	11/7/2018	8.4	2.1	500	50	5400 F2	1800	< 350
MW-44	3/7/2019	< 3.0	< 2.0	180	16	2200	550	< 350
MW-44	5/29/2019	7.2 F1	< 2.0F1	510 F2	52 F1	5000	2300 F1	< 350F1F2
MW-44	9/3/2019	99	6.7	150	11	2500	1200	< 350
MW-45	11/18/2014	170	74	450	270	5500	1300	< 250
MW-45	1/13/2015	9.2	3.5	510	15	9600	2400	< 250
MW-45	4/6/2015	6.6	3.7	630	13	10000	2400 Y	< 240
MW-45	7/14/2015	< 20	< 20	240	< 30	6200 H	1900 Y	< 250
MW-45	10/19/2015	27	3.5	230	24	3900	680	< 250
MW-45	1/19/2016	7.2	3.1	830	21	10000	2900	< 250
MW-45	4/19/2016	5.7	3.7	750	17	10000	3000	< 250
MW-45	7/19/2016	12	3.3	680	10	7900	2300 *	< 250*
MW-45	11/8/2016	16	3.1	890	13	5900	2200	< 250
MW-45	3/21/2017	7.2	2.4	250 H	4.8	5900 H	3400	< 260
MW-45	6/27/2017	9.1	2.5	650	7.5	7100	< 100	< 250

Table 2
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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-45	9/26/2017	13	2.2	160	7.0	6000	1200	< 250
MW-45	11/28/2017	11	< 2.0	450	4.9	4500	1700	< 250
MW-45	2/27/2018	18 *	2.3	< 300*	6.7 *	5000	5400	< 350
MW-45	6/13/2018	7.6	3.7	690	8.8	6000	3300	< 360
MW-45	8/29/2018	15	< 10	200	< 15	4900	2300	< 350
MW-45	11/6/2018	15	2.6	100	6.4	3900	1700	< 350
MW-45	3/7/2019	12	3.2	400	11	7500	2300	< 380
MW-45	5/28/2019	< 30	2.0	550	56	6400	2900	< 350
MW-45	9/4/2019	19	2.0	190	6.8	4000	2100	< 350
MW-45	11/20/2019	19	2.1	410	< 30	7100	1800	< 340
MW-47	1/13/2015	1.2	< 1.0	< 1.0	< 3.0	430	1600	< 240
MW-47	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-47	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	200 H	120 Y	< 250
MW-47	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	280	< 110	< 250
MW-47	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	51	120	< 250
MW-47	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	51	< 110*	< 250*
MW-47	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 250
MW-47	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-48	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	310	180	< 240
MW-48	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	160	< 110	< 250
MW-48	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-48	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110F2F1	< 250
MW-48	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-48	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	3/21/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	130 H	130	< 250
MW-48	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	4900	< 260
MW-48	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-49	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-49	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-49	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-49	3/21/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 250
MW-49	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	1800	< 260
MW-49	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-50	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-50	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-50	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110H	< 250H
MW-50	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-50	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	3/21/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	81 H	< 110	< 250
MW-50	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	2900	< 260
MW-50	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-51	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-51	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-51	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190	< 250
MW-51	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	7/19/2016	< 2.0	< 2.0	< 3.0	3.2	< 50	< 110*	< 250*
MW-51	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	3/21/2017	< 2.0H	< 2.0H	< 3.0HF1	< 3.0H	< 50H	< 110	< 260
MW-51	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
MW-51	9/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 260
MW-52	1/13/2015	320	6.2	590	29	14000	2900	< 250
MW-52	4/6/2015	280	10	1600	14	14000 B	2700 Y	< 240
MW-52	7/14/2015	330	13	1600 H	40	14000 H	2800 Y	< 250
MW-52	10/19/2015	330 F1	14	1300 F1	32	13000	3400 F1	< 250
MW-52	1/18/2016	400	12	1400	22	12000 F1	3000	< 250
MW-52	4/19/2016	370	8.9	1400	26	13000	3200	< 250
MW-52	7/20/2016	480	15	1600	60 F1	12000	3100 *	< 250*
MW-52	11/8/2016	550	8.0	1800	16	11000	3900	< 250
MW-52	3/21/2017	270 H	3.6 H	1400 H	30 H	13000 H	3900	< 250
MW-52	6/28/2017	330 H	5.9	1300 H	20	13000	3800 *	< 250*
MW-52	9/28/2017	310	< 20	1200	< 30	17000	2700	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-53	1/12/2015	12000	470	2500	11000	55000	3600	< 240
MW-53	4/6/2015	15000	440	3100	14000	51000	2800 Y	< 240
MW-53	7/13/2015	15000 H	< 1000H	2600 H	12000 H	50000 H	4100 Y	< 250
MW-53	10/20/2015	15000	420	2600	12000	44000 H	3300	< 250
MW-53	1/19/2016	14000	410	2500	11000	49000	3400	< 250
MW-53	4/19/2016	15000	410	2800	12000	51000	5600	310
MW-53	7/19/2016	16000	420	2800	12000	44000	3200 *	< 250*
MW-53	11/9/2016	12000	330	2400	6700	34000	4600	280
MW-53	3/22/2017	13000 H	350 H	3000 H	8800 H	56000 H	5800	< 250
MW-53	6/28/2017	11000 HE	320 H	2600 H	9000 H	44000 H	5900 *	< 250*
MW-53	9/28/2017	12000	280	3000	8700	73000	5100	< 250
MW-54	11/16/2005	< 0.5	< 0.5	< 0.5	< 1	< 50	--	--
MW-54	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
MW-54	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
MW-54	1/17/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	--	--
MW-54	4/7/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 238	< 476
MW-54	7/22/2008	< 0.5	< 0.5	0.543	< 1	< 50	< 781	< 1560
MW-54	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 240
MW-54	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-54	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-54	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-54	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-54	11/17/2014	2.4	12	8.6	32	530	2000	610
MW-54	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-54	4/6/2015	2.2	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-54	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-54	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	130	< 250
MW-54	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-54	3/21/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 260
MW-54	11/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	--	--
MW-54	2/27/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 350
MW-54	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	270	--	--
MW-54	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-55	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-55	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-55	3/23/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260
MW-55	6/28/2017	< 2.0H	< 2.0	< 3.0H	< 3.0H	< 500H	< 100*	< 250*
MW-55	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-55	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100F1	< 250
MW-55	2/28/2018	< 3.0*	< 2.0*	< 3.0	< 3.0*	< 250	< 110	< 350
MW-55	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 120	< 370
MW-55	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-55	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	110	< 350
MW-55	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-56	10/20/2015	< 200	< 200	2400	9200	41000 H	3300 F1	< 250F1
MW-56	1/19/2016	5.0	12	< 300	870	6100	1200	< 250
MW-56	4/20/2016	38	82	1900 H	7800 H	40000	4100	< 250
MW-56	7/20/2016	51	130	2200	9200	48000	3500 *	< 250*
MW-56	11/10/2016	19	45	740	3000	10000	1400	< 250
MW-56	3/23/2017	4.8 H	21 H	450 H	2000 H	10000	670	< 250
MW-56	6/28/2017	19	79	1600 H	7200 H	36000 H	2900 *	< 250*
MW-56	9/27/2017	< 100	110	2400	11000	49000	2800	< 250
MW-56	11/29/2017	< 40	< 40	680	3700	17000	1000	< 250
MW-56	2/28/2018	33	34	< 600*	2500 *	18000	1100	< 350
MW-56	6/13/2018	66	100	2500	9400	46000	3500	< 360
MW-56	8/30/2018	< 100	120	2500	9800	48000	5300	< 350
MW-56	11/7/2018	200	74	1500	6900	37000	4700	< 350
MW-56	11/28/2018	--	--	--	--	--	4500	380
MW-56	3/7/2019	35	30	560	2600	16000	< 110	< 350
MW-56	5/29/2019	120	80	1300	790	33000	5900	< 350
MW-56	9/4/2019	130	68	1900	6100	21000	2000	< 350
MW-56	11/20/2019	130	44	1300	4900	28000	2600	< 330
MW-57	10/20/2015	2.6	< 2.0	< 3.0	< 3.0	160	< 110	< 250
MW-57	4/20/2016	28	< 2.0	< 3.0	3.4 H	260	220	< 250
MW-57	7/20/2016	22 F1	< 2.0	5.7 F1	4.0	260	< 110	< 250
MW-57	11/9/2016	13	< 2.0	< 3.0	< 3.0F1	150	150 F2	< 250F2
MW-57	6/28/2017	10	< 2.0	< 3.0H	< 3.0H	< 500H	160 *	< 250*
MW-57	9/26/2017	38	< 2.0	< 3.0	< 3.0	1000	160	< 260
MW-57	11/29/2017	4.1	< 2.0	< 3.0	< 3.0	< 250	100	< 260
MW-57	6/13/2018	15	< 2.0	< 3.0	< 3.0	270	150	< 360

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-57	8/30/2018	42	2.3	< 3.0	3.4	1200	220	< 360
MW-57	11/7/2018	4.9	< 2.0	< 3.0	< 3.0	< 250	130	< 350
MW-57	11/28/2018	--	--	--	--	--	< 110	< 350
MW-57	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	1600	< 350
MW-57	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-57	9/4/2019	12	< 2.0	< 3.0	< 3.0	< 250	120	< 350
MW-57	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
MW-58	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	1900	990	< 250
MW-58	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2600	8900	930
MW-58	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	1800	1200	< 250
MW-58	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2200	4400 F1F2	660 F1F2
MW-58	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1800 H	3900 *	380 *
MW-58	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	960	4200	450
MW-58	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	1300	8000	1700
MW-58	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	1600	6100	770
MW-58	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	530	5700	1500
MW-58	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	400	7700	8100
MW-58	11/28/2018	--	--	--	--	--	6000	5400
MW-58	3/7/2019	< 3.0	< 2.0	< 3.0	< 3.0	930	6400	2200
MW-58	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	1300	5900	2000
MW-58	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	650	4000	1100
MW-58	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	2200	7300	2600
MW-59	10/20/2015	2.7	43	< 3.0	< 3.0	2100	660	< 250
MW-59	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	3700	9500	970
MW-59	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2500	6000	280
MW-59	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2300	11000	1500
MW-59	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	2700 H	6600 *	590 *
MW-59	9/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1200	8000	1000
MW-59	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	2600	9200	1400
MW-59	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	2300 *	13000	1300
MW-59	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	1000	12000	2700
MW-59	11/7/2018	< 3.0	3.7	< 3.0	< 3.0	1400	6800	1300
MW-59	11/28/2018	--	--	--	--	--	9500	3200
MW-59	3/7/2019	< 3.0F2F1	< 2.0F2F1	< 3.0F2F1	< 3.0F2F1	2400	16000	3900
MW-59	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	1700	18000	3400
MW-59	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	1600	15000	2500
MW-59	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	1800	12000	2000

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-60	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-60	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	180	< 250
MW-60	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-60	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1700	< 260
MW-60	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
MW-60	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-60	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	450	< 250
MW-60	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	270 *	< 110	< 360
MW-60	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-60	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-60	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	500	< 350
MW-60	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-60	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-60	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	6900	800
MW-61	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50	< 110	< 250
MW-61	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
MW-61	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-61	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-61	2/28/2018	< 3.0*	< 2.0*	< 3.0	5.8 *	< 250	< 110	< 350
MW-61	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250*	< 110	< 360
MW-61	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-61	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 120	< 370
MW-61	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-61	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-62	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110H	< 250H
MW-62	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260
MW-62	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260
MW-62	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50	< 110	< 250
MW-62	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-62	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-62	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-62	2/28/2018	< 3.0*	< 2.0*	< 3.0	< 3.0*	< 250	< 110	< 350
MW-62	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250*	< 110	< 350
MW-62	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 5000	< 110	< 350
MW-62	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-62	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-62	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-62	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
MW-62	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-63	10/20/2015	8.1	7.1	89	120	1500	260 H	< 250H
MW-63	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50	< 110	< 250
MW-63	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
MW-63	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-63	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-63	2/28/2018	< 3.0*	< 2.0*	< 3.0	< 3.0*	< 250	300	< 350
MW-63	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250*	< 110	< 350
MW-63	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-63	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	160	< 350
MW-63	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-63	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-63	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	110	< 350
MW-63	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 330
MW-64	10/19/2015	19	2.0	< 3.0	5.4	1600	1900	270
MW-64	1/18/2016	26	2.5	< 3.0	7.4	2000	3200	460
MW-64	4/20/2016	29	< 2.0	< 3.0	6.5	1800	2900	400
MW-64	7/20/2016	19	< 2.0	< 3.0	5.1	1600	1900	< 250
MW-64	11/9/2016	21	2.2	< 3.0	5.9	1300	2700	450
MW-64	3/22/2017	19 H	2.0 H	< 3.0H	6.0 H	2000 H	2400	< 250
MW-64	6/28/2017	10	< 2.0	< 3.0	7.7	1500 H	2400 F2*	< 250F2*
MW-64	9/27/2017	12	< 2.0	< 3.0	5.0	2400	2300	< 250
MW-64	11/28/2017	12	< 2.0	< 3.0	4.4	890	2200	300
MW-64	2/28/2018	17 *	2.0 *	< 3.0	6.5 *	1600	2700	430
MW-64	6/12/2018	8.0	< 2.0	< 3.0	5.9	1300 *	2600	< 360

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-64	8/29/2018	9.9	< 2.0	< 3.0	4.9	1800 H	2400	500
MW-64	11/6/2018	11	< 2.0	< 3.0	9.3	1300	3100	980
MW-64	3/7/2019	12 *	< 2.0	< 3.0	5.1	1500	3100	630
MW-64	5/28/2019	4.1 F2	< 2.0F1F2	< 3.0F1F2	3.5 F1F2	920 F2	3500	660
MW-64	9/3/2019	5.2	< 2.0	< 3.0	4.2	1200	3000	560
MW-64	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	1200	3100	670
MW-65	10/20/2015	1900	22	1100	54	7200	1600	< 250
MW-65	1/19/2016	3700	25	2500	62	12000	4500	310
MW-65	4/19/2016	3900	< 200	2600	< 300	14000	3900	< 250
MW-65	7/19/2016	2700	19	1100	57	8300	2600	< 250
MW-65	11/9/2016	2600	21	1400	60	7400	3700	320
MW-65	3/22/2017	3100 H	19	3000 H	48	16000 H	3900	< 250
MW-65	6/27/2017	2100 H	15	1800 H	36	11000	4300 *	< 260*
MW-65	9/27/2017	2000	< 40	1100	< 60	16000	4000	280
MW-66	10/20/2015	290	9.2	84	16	4000	870	< 250
MW-66	1/19/2016	240	5.5	410	14	4100	2000	< 250
MW-66	4/19/2016	780	< 200	1800	< 300	9600	3000	< 250
MW-66	7/19/2016	430	7.6	< 150	12	3100	1300	< 250
MW-66	11/9/2016	260	7.9	190	11	2800	1600	< 250
MW-66	3/22/2017	99 H	2.3	170 H	10	1000 H	330	< 250
MW-66	6/27/2017	260	6.6	240	9.8	2700	1000 *	< 250*
MW-66	9/27/2017	310	< 10	72	< 15	6500	1400	< 250
MW-66	11/28/2017	190	3.7	86	3.8	1300	690	< 250
MW-66	2/27/2018	29 *	< 2.0*	51	< 3.0*	680	480	< 350
MW-66	6/13/2018	140	4.8	240	10	2900 F1F2*	1300	< 350
MW-66	8/29/2018	280	6.4	49	5.1	3700 H	1100	< 350
MW-66	11/6/2018	170	3.5	49	6.8	540	460	< 350
MW-66	3/7/2019	130	2.9	90	4.8	1900	900	< 350
MW-66	5/28/2019	340	7.6	300	8.5	2000	1400	< 350
MW-66	9/3/2019	280	4.9	77	3.4	1100	1600	< 350
MW-66	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	130	< 340
MW-67	11/10/2016	52	3.7	210	14	1200	350	< 250
MW-67	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50	< 110	< 260
MW-67	6/28/2017	230 E	11	260 E	67	4300 H	1400 *	< 250*
MW-67	9/27/2017	96	6.0	190	27	6000	1100	< 250
MW-67	11/29/2017	16	< 2.0	60	6.2	450	140	< 250
MW-67	2/28/2018	7.4 *	< 2.0*	6.9	< 3.0*	< 250	170	< 350

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-67	6/13/2018	230	8.8	400	36	3000 *	1200	< 360
MW-67	8/30/2018	300	13	710	83	2800 F1	940	< 350
MW-67	11/7/2018	44	< 2.0	72	10	1500	500	< 360
MW-67	11/28/2018	--	--	--	--	--	110	< 350
MW-67	3/7/2019	87 *	< 2.0	29	3.0	680	350	< 360
MW-67	5/29/2019	620	13	1000	95	5500	2000	< 350
MW-67	9/4/2019	320	8.4	540	79	5500	1200	< 350
MW-67	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-68	11/10/2016	< 2.0	< 2.0	7.7	< 3.0	150	< 110	< 250
MW-68	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50	< 110	< 250
MW-68	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
MW-68	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-68	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-68	2/28/2018	< 3.0*	< 2.0*	< 3.0	< 3.0*	< 250	< 110	< 360
MW-68	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 350
MW-68	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-68	10/9/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110*	< 350*
MW-68	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-69	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-69	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 250
MW-69	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
MW-69	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-69	11/29/2017	< 2.0F1	< 2.0	< 3.0	< 3.0	< 250	< 100	< 260
MW-69	2/28/2018	< 3.0*	< 2.0F1*	< 3.0*	< 3.0*	< 250	< 110	< 350
MW-69	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 360
MW-69	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-69	10/9/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110*	< 350*
MW-69	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-70	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-70	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 250
MW-70	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-70	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
MW-70	11/29/2017	< 2.0F1	< 2.0F1	< 3.0F1	< 3.0F1	< 250F1	< 100	< 250
MW-70	2/28/2018	< 3.0*	< 2.0*	< 3.0	< 3.0*	< 250	< 110	< 350
MW-70	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110F1F2	< 350F1F2
MW-70	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 110	< 360
MW-70	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
MW-70	11/20/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 330
MW-71	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 260
MW-71	3/22/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 260
MW-71	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	280	< 250
MW-71	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	150	< 250
MW-71	11/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-71	2/28/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 360
MW-71	6/12/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	200	< 350
MW-71	8/29/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 110	< 340
MW-71	11/6/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	380	400
MW-71	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	570	450
MW-71	5/28/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	540	< 350
MW-71	9/3/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	310	< 350
MW-71	11/19/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 340
IW-1	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
IW-1	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
IW-1	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130 Y	260 Y
IW-1	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	120 Y	< 250
IW-1	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	420	< 260
IW-1	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	140	< 250
IW-1	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 250
IW-1	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
IW-1	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	140	< 260
IW-1	3/21/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 260
IW-1	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	160	< 250
IW-1	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
SRW-1	7/16/2007	27.6	1.15	0.801	1.09	316	4430	< 472
SRW-1	10/25/2007	1.43	< 0.5	< 0.5	< 1	< 50	4830	< 476

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
SRW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	170	160	--
PW-3	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
PW-6	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 243	< 485
AG WELL	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 260
AG WELL	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 250
AG WELL	6/28/2017	< 2.0	2.1	< 3.0	< 3.0	< 500H	< 100	< 250
AG WELL	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	140	250
AG WELL	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	460	400
AG WELL	2/28/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 350
AG WELL	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360
AG WELL	8/30/2018	< 2.0	< 2.0	< 3.0	< 3.0	< 500	110	< 350
AG WELL	11/7/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	310	640
AG WELL	11/28/2018	--	--	--	--	--	230	410
AG WELL	3/7/2019	< 3.0*	< 2.0	< 3.0	< 3.0	< 250	< 110	< 350
AG WELL	5/29/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	170	< 350
AG WELL	9/4/2019	< 3.0	< 2.0	< 3.0	< 3.0	< 250	140	< 350
AG WELL	11/20/2019	< 3.0	2.0	< 3.0	< 3.0	< 250	200	< 330

Table 2
Groundwater Analytical Data
OPLC Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT	B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS	5	1000	700	1000	1000/800 ¹	500	500

Notes:

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes, Total

TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx

TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx

TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Dx

1,000/800¹ ug/L if no detectable levels of Benzene in the sample - otherwise 800 ug/L

<1.0 = Concentrations were not detected above the laboratory method reporting limit.

ug/L = Micrograms per liter (ppb)

-- = No value given/Not analyzed/Not applicable

MTCA = Model Toxics Control Act

Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels

* = LCS or LCSD is outside acceptance limits.

B = Compound was found in the blank and sample.

E = Result exceeded calibration range.

F1 = MS and/or MSD Recovery is outside acceptance limits.

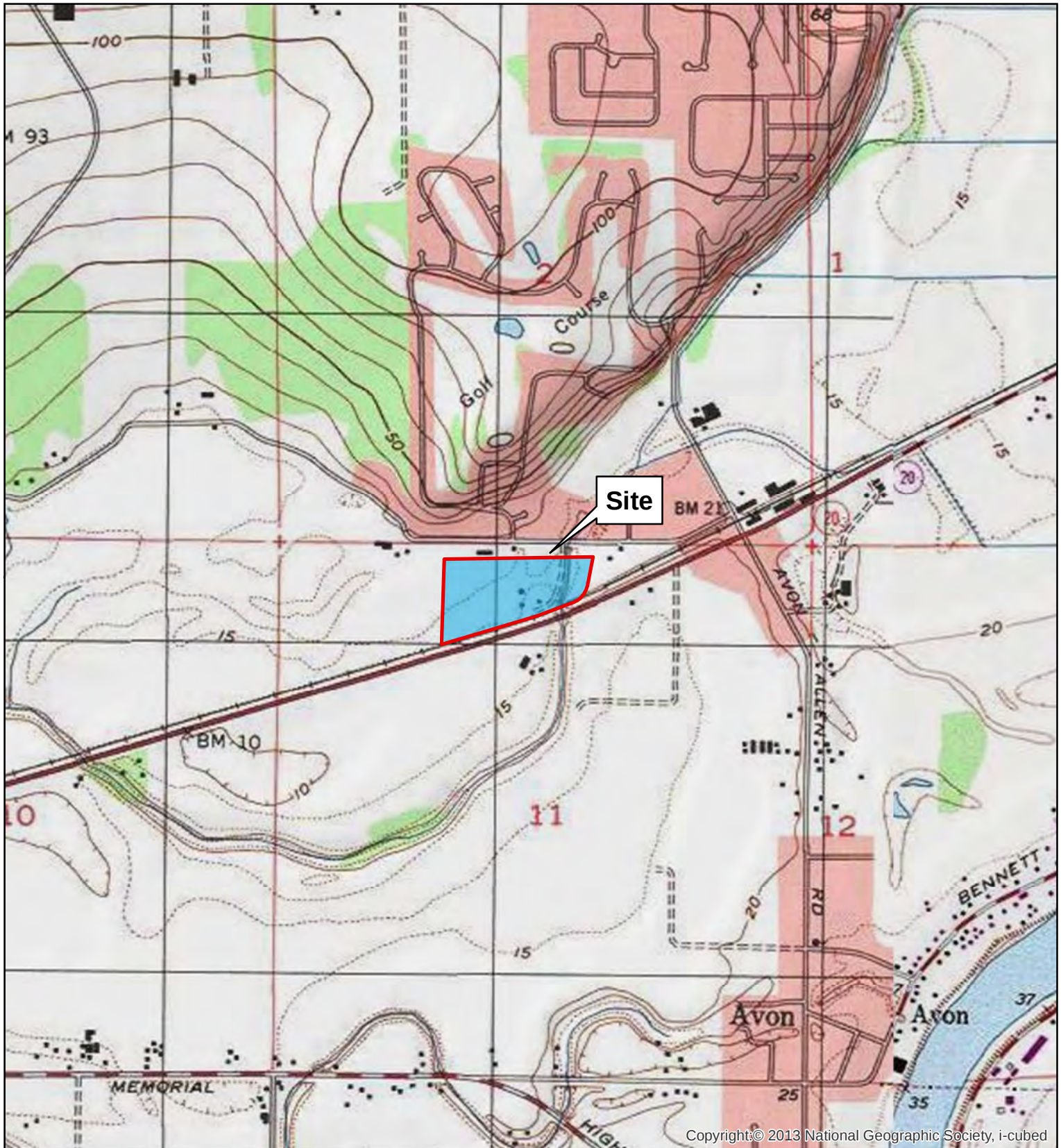
F2 = MS/MSD RPD exceeds control limits

H = Sample was prepped or analyzed beyond the specified holding time

Y = The chromatographic response resembles a typical fuel pattern.

Figures

Figure 1	Site Location Map
Figure 2	Expanded Site Map
Figure 3A	Potentiometric Surface Map – September 3, 2019
Figure 3B	Groundwater Analytical Data Map – September 3-4, 2019
Figure 3C	Groundwater Analytical Data Map – September 3-4, 2019
Figure 4A	Potentiometric Surface Map – November 19, 2019
Figure 4B	Groundwater Analytical Data Map – November 19-20, 2019
Figure 4C	Groundwater Analytical Data Map - November 19-20, 2019



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SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE MAP;
LA CONNER & MT VERNON, WASHINGTON



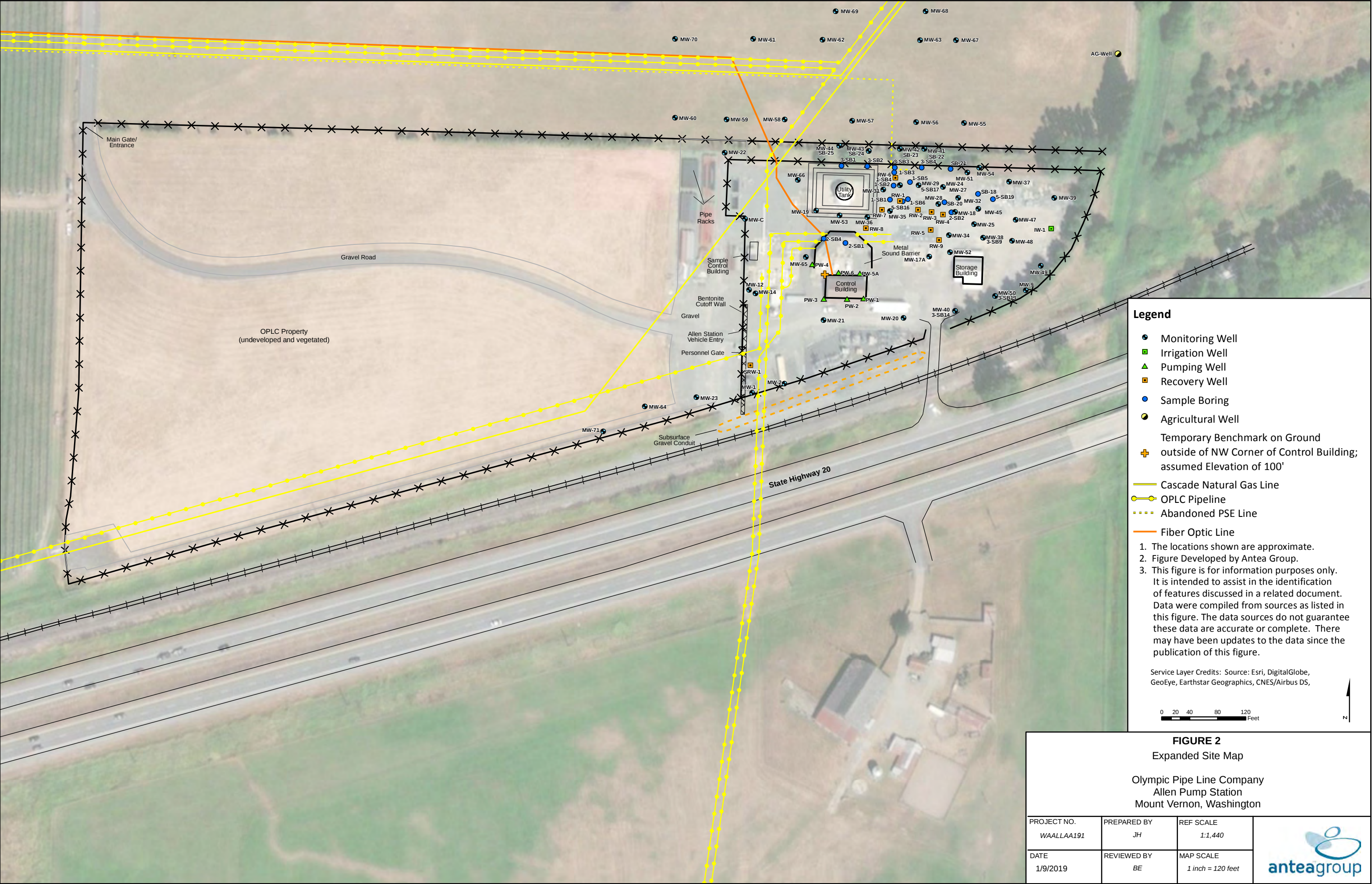
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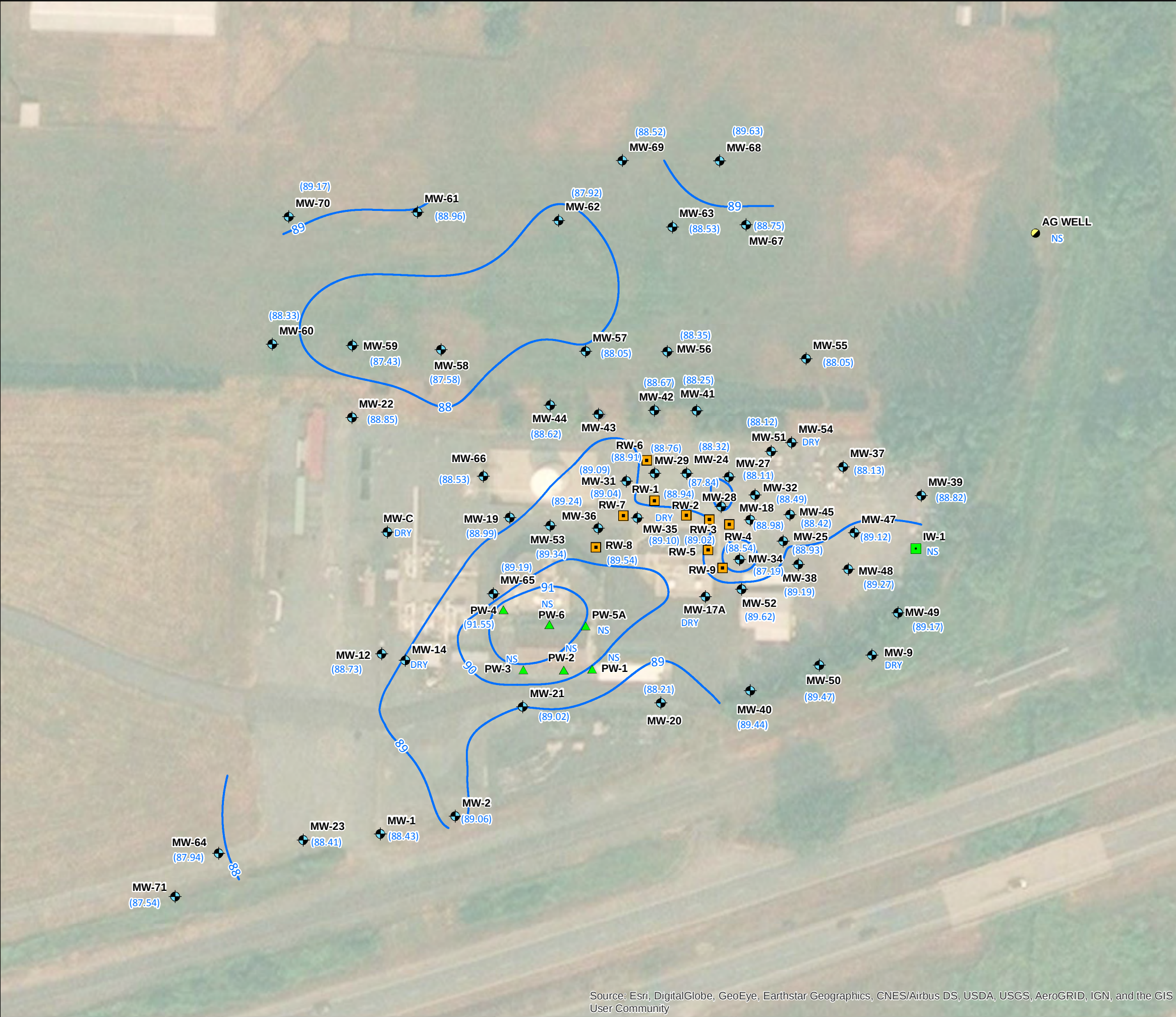
FIGURE 1

Site Location Map

Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY JH	REF SCALE 1:24,000	
DATE 1/9/2019	REVIEWED BY BE	MAP SCALE 1 inch = 2,000 feet	





Legend

- Monitoring Well
- Destroyed Monitoring Well
- Irrigation Well
- Pumping Well
- Recovery Well
- Agricultural Well
- Groundwater Elevation Contour (ft)

(89.10) Groundwater Elevation (ft)
DRY Well Dry
NS Not Surveyed

FIGURE 3A
Potentiometric Surface Map
September 3, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960	
DATE 10/28/2019	REVIEWED BY JS	MAP SCALE 1 inch = 80 feet	

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

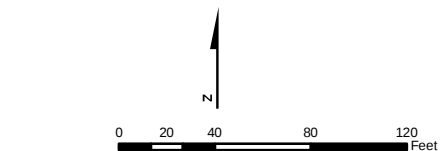
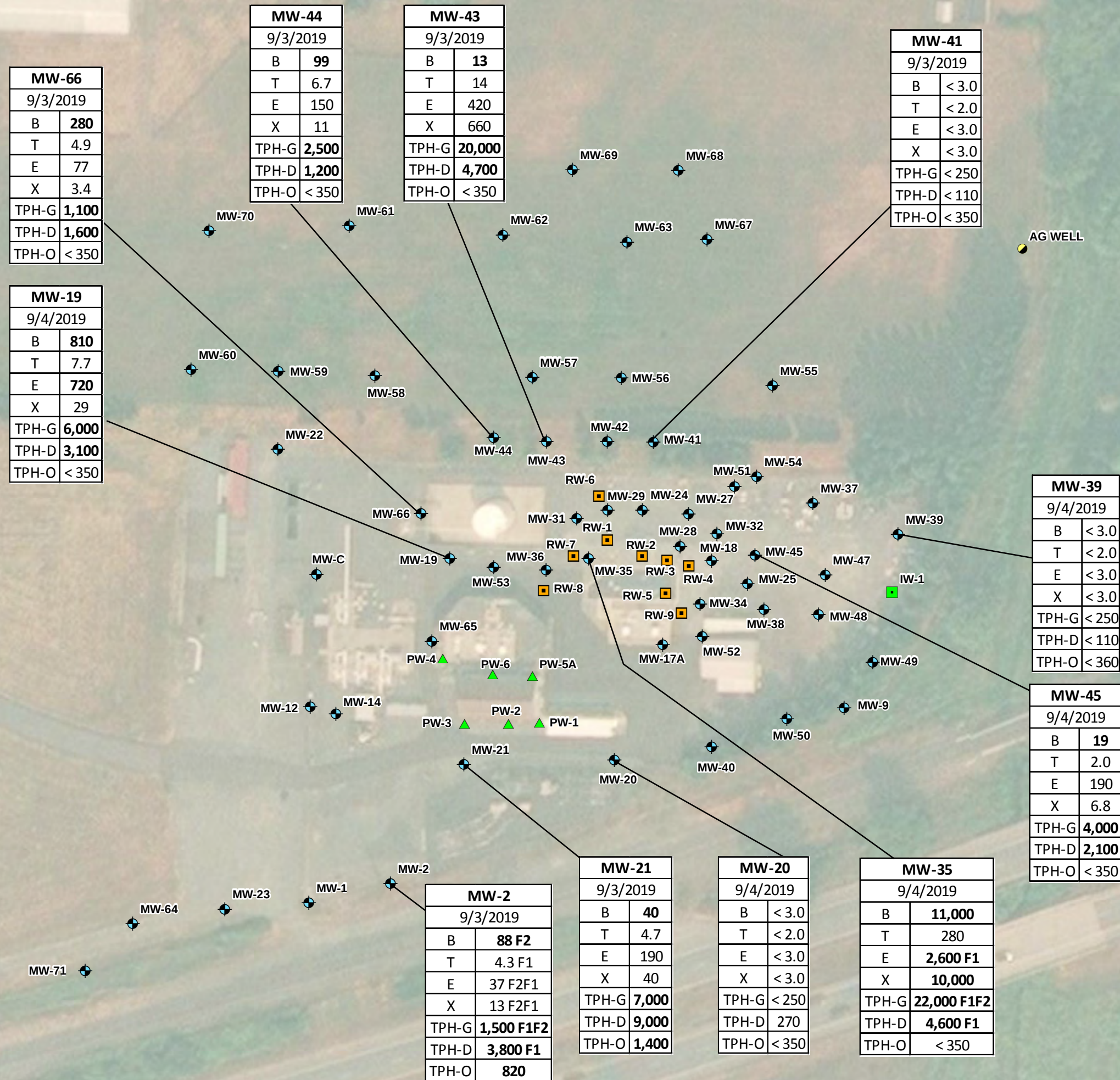


FIGURE 3B
Groundwater Analytical Data Map
September 3-4, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960	
DATE 10/28/2019	REVIEWED BY MR	MAP SCALE 1 inch = 80 feet	

MW-57		MW-70		MW-61		MW-62		MW-63		MW-69		MW-68		MW-67		AG WELL	
9/4/2019		9/4/2019		9/4/2019		9/4/2019		9/4/2019		10/3/2019		10/3/2019		9/4/2019		9/4/2019	
B	12	B	< 3.0	B	< 3.0	B	< 3.0	B	< 3.0	B	< 3.0	B	< 3.0	B	320	B	< 3.0
T	< 2.0	T	< 2.0	T	< 2.0	T	< 2.0	T	< 2.0	T	< 2.0	T	< 2.0	T	8.4	T	< 2.0
E	< 3.0	E	< 3.0	E	< 3.0	E	< 3.0	E	< 3.0	E	< 3.0	E	< 3.0	E	540	E	< 3.0
X	< 3.0	X	< 3.0	X	< 3.0	X	< 3.0	X	< 3.0	X	< 3.0	X	< 3.0	X	79	X	< 3.0
TPH-G	< 250	TPH-G	< 250	TPH-G	< 250	TPH-G	< 250	TPH-G	< 250	TPH-G	< 250	TPH-G	< 250	TPH-G	5,500	TPH-G	< 250
TPH-D	120	TPH-D	< 110	TPH-D	< 110	TPH-D	< 110	TPH-D	110	TPH-D	< 110	TPH-D	< 110	TPH-D	1,200	TPH-D	140
TPH-O	< 350	TPH-O	< 350	TPH-O	< 350	TPH-O	< 360	TPH-O	< 350	TPH-O	< 350	TPH-O	< 350	TPH-O	< 350	TPH-O	< 350

MW-60	
9/4/2019	
B	< 3.0
T	< 2.0
E	< 3.0
X	< 3.0
TPH-G	< 250
TPH-D	< 110
TPH-O	< 350

MW-59	
9/4/2019	
B	< 3.0
T	< 2.0
E	< 3.0
X	< 3.0
TPH-G	1,600
TPH-D	15,000
TPH-O	2,500

MW-58	
9/4/2019	
B	< 3.0
T	< 2.0
E	< 3.0
X	< 3.0
TPH-G	650
TPH-D	4,000
TPH-O	1,100

MW-71	
9/3/2019	
B	< 3.0
T	< 2.0
E	< 3.0
X	< 3.0
TPH-G	< 250
TPH-D	310
TPH-O	< 350

MW-64	
9/3/2019	
B	5.2
T	< 2.0
E	< 3.0
X	4.2
TPH-G	1,200
TPH-D	3,000
TPH-O	560

- Legend**
- Monitoring Well
 - Irrigation Well
 - Pumping Well
 - Recovery Well
 - Agricultural Well

Notes

All values reported in micrograms per liter (µg/L).
B = Benzene by EPA Method 8260
T = Toluene by EPA Method 8260
E = Ethylbenzene by EPA Method 8260
X = Total Xylenes by EPA Method 8260
TPH-G = Total Petroleum Hydrocarbons as Gasoline by Northwest Method NWTPH-Gx
TPH-D = Total Petroleum Hydrocarbons as Diesel by Northwest Method NWTPH-Dx
TPH-O = Total Petroleum Hydrocarbons as Oil by Northwest Method NWTPH-Dx
<1.0 = Concentrations were not detected above the laboratory method reporting limit.
BOLD = concentrations in excess of MTCA Method A Cleanup Levels
MTCA = Model Toxics Control Act

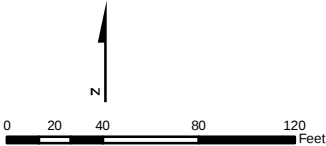
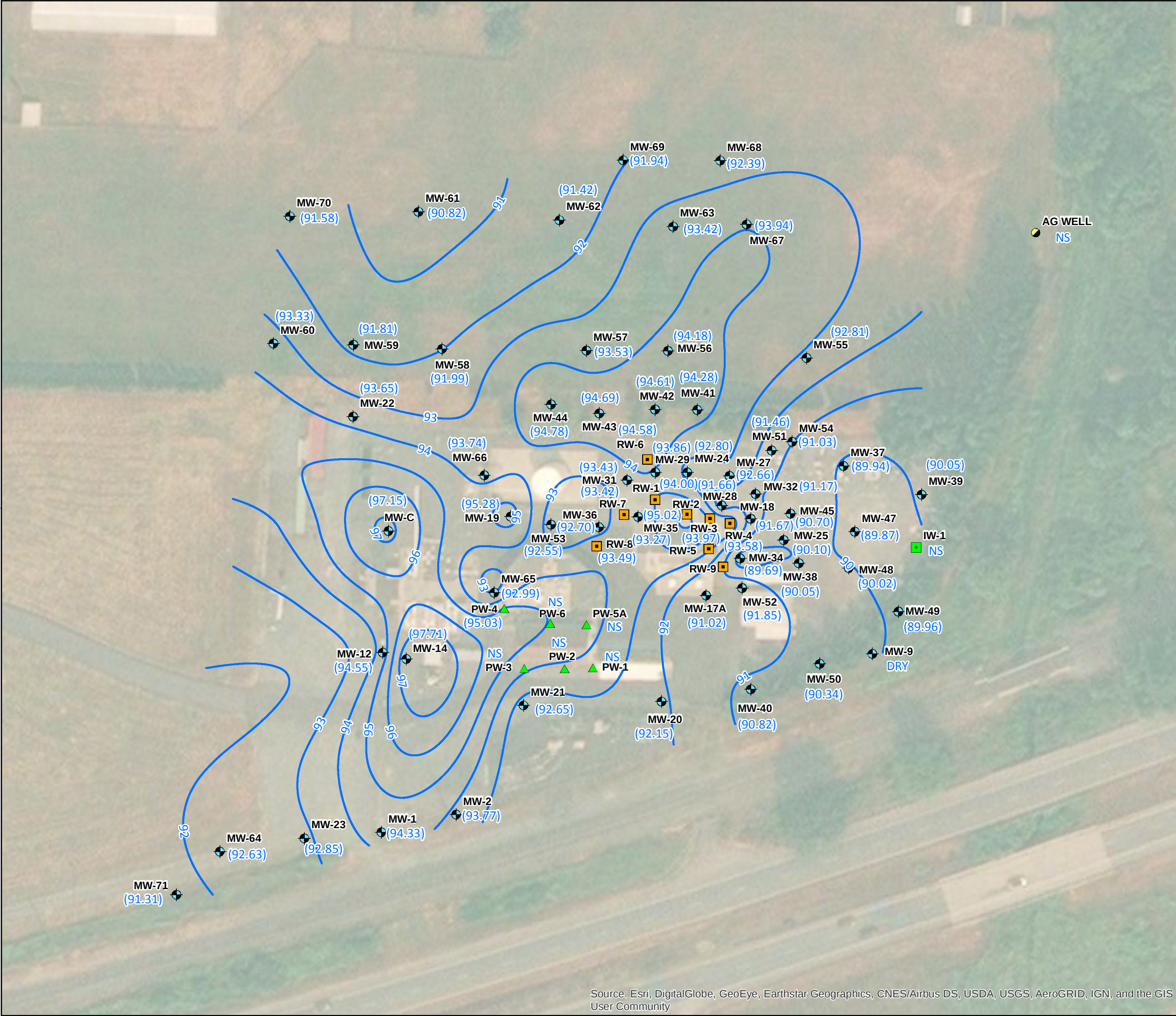


FIGURE 3C
Groundwater Analytical Data Map
September 3-4, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960	
DATE 10/28/2019	REVIEWED BY MR	MAP SCALE 1 inch = 80 feet	



Legend

- Monitoring Well
- Irrigation Well
- Pumping Well
- Recovery Well
- Agricultural Well
- Groundwater Elevation Contour (ft)

(94.00) Groundwater Elevation (ft)

DRY Well Dry

NS Not Surveyed

0 20 40 80 120 Feet

N

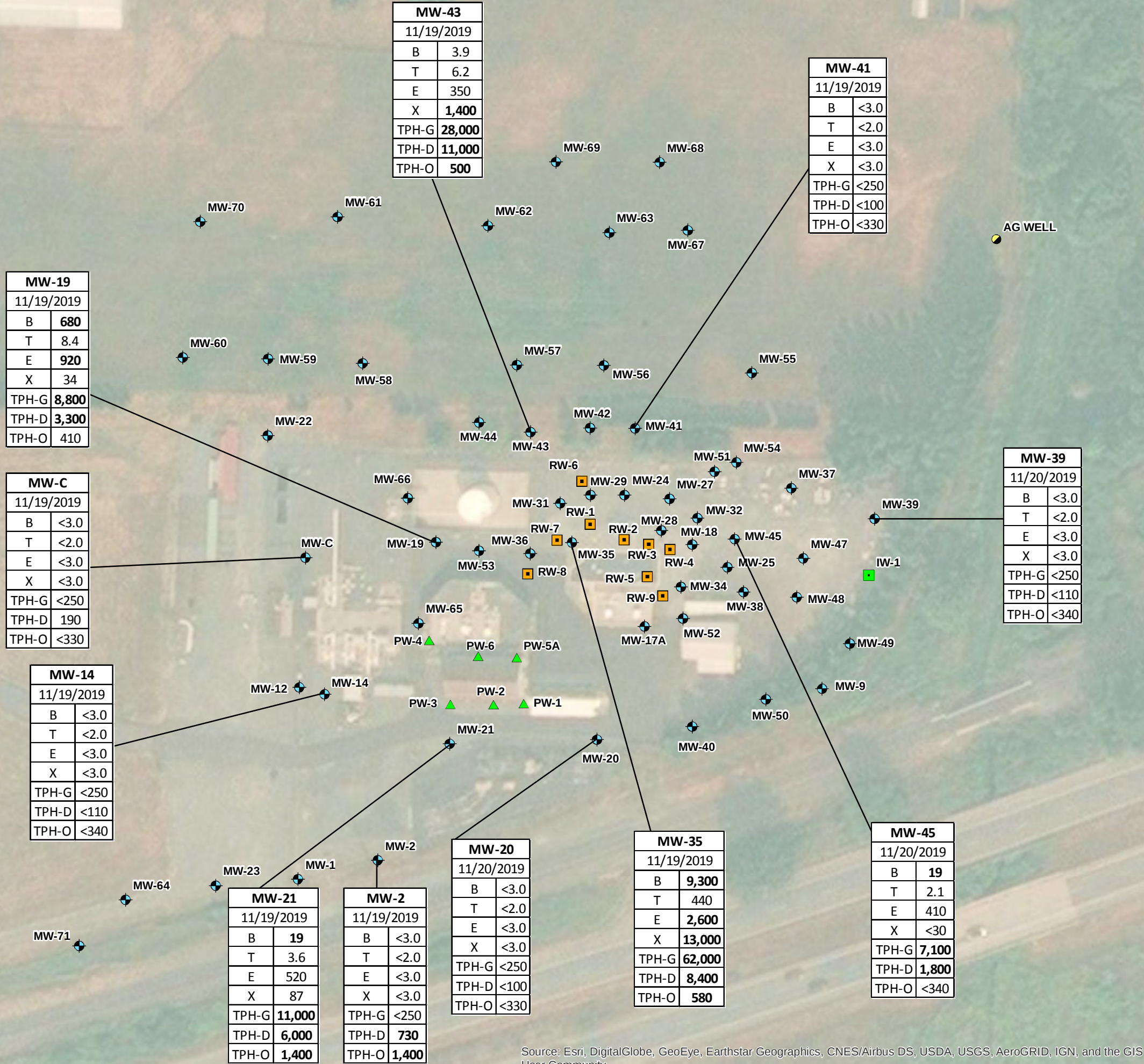
FIGURE 4A

Potentiometric Surface Map
November 19-20, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960	
DATE 07/03/2019	REVIEWED BY JL	MAP SCALE 1 inch = 80 feet	

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Document Path: \\gis-s3\GIS_Data\Sandbox\Projects\A-E\BP_Seattle\BP_Pipeline\Allen_Station\Layout\2019\Fig4A 4Q19.mxd



Legend

- Monitoring Well
- Irrigation Well
- Pumping Well
- Recovery Well
- Agricultural Well

Notes

All values reported in micrograms per liter (µg/L).
B = Benzene by EPA Method 8260
T = Toluene by EPA Method 8260
E = Ethylbenzene by EPA Method 8260
X = Total Xylenes by EPA Method 8260
TPH-G = Total Petroleum Hydrocarbons as Gasoline by Northwest Method NWTPH-Gx
TPH-D = Total Petroleum Hydrocarbons as Diesel by Northwest Method NWTPH-Dx
TPH-O = Total Petroleum Hydrocarbons as Oil by Northwest Method NWTPH-Dx
<1.0 = Concentrations were not detected above the laboratory method reporting limit.
BOLD = concentrations in excess of MTCA Method A Cleanup Levels
MTCA = Model Toxics Control Act

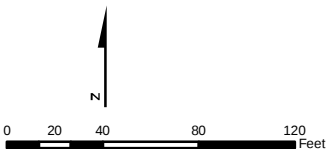
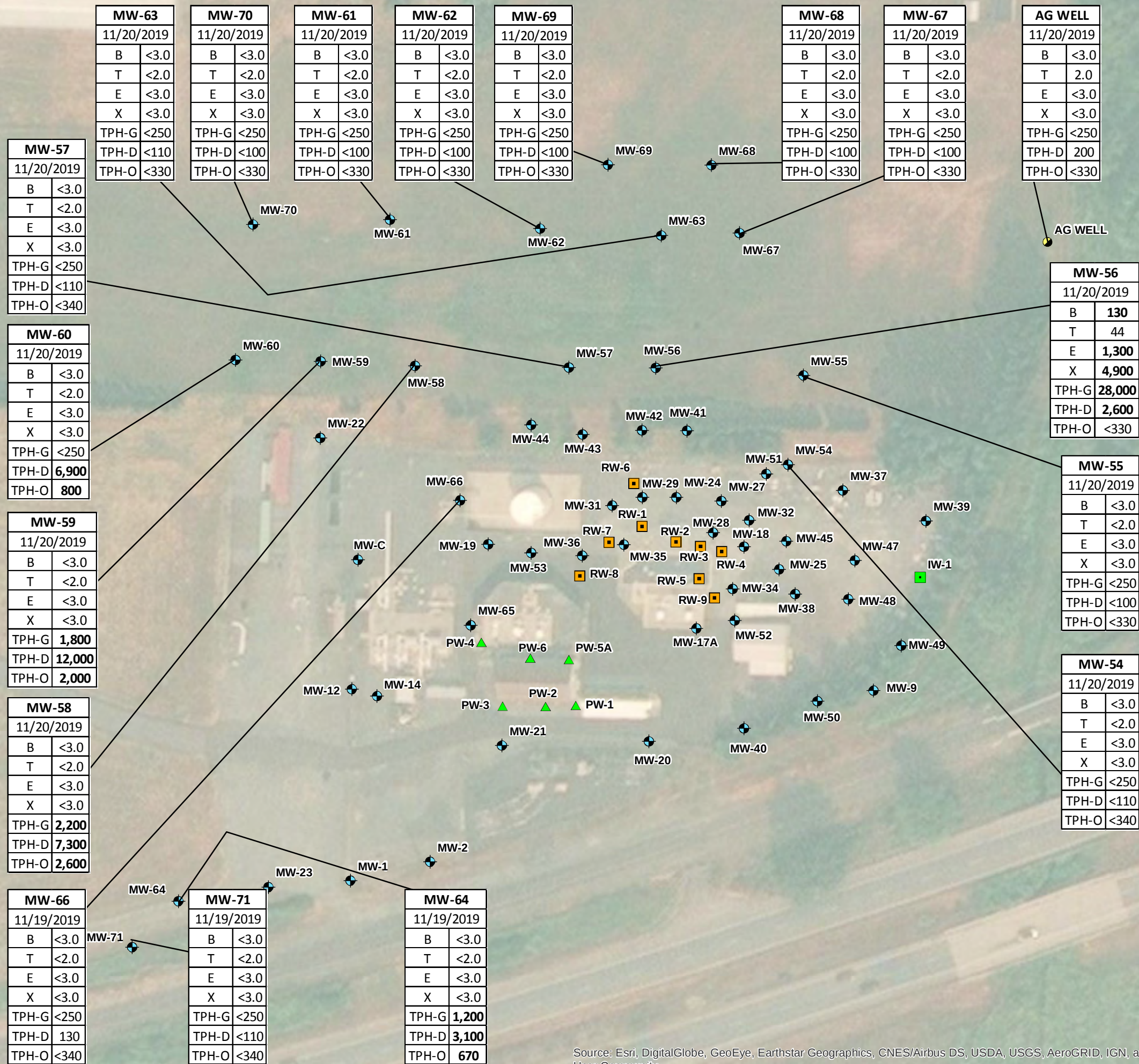


FIGURE 4B
Groundwater Analytical Data Map
November 19-20, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960
DATE 05/20/2019	REVIEWED BY JL	MAP SCALE 1 inch = 80 feet



- Legend**
- Monitoring Well
 - Irrigation Well
 - Pumping Well
 - Recovery Well
 - Agricultural Well

Notes

All values reported in micrograms per liter (µg/L).
B = Benzene by EPA Method 8260
T = Toluene by EPA Method 8260
E = Ethylbenzene by EPA Method 8260
X = Total Xylenes by EPA Method 8260
TPH-G = Total Petroleum Hydrocarbons as Gasoline by Northwest Method NWTPH-Gx
TPH-D = Total Petroleum Hydrocarbons as Diesel by Northwest Method NWTPH-Dx
TPH-O = Total Petroleum Hydrocarbons as Oil by Northwest Method NWTPH-Dx
<1.0 = Concentrations were not detected above the laboratory method reporting limit.
BOLD = concentrations in excess of MTCA Method A Cleanup Levels
MTCA = Model Toxics Control Act

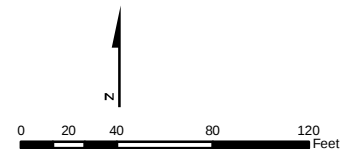


FIGURE 4C
Groundwater Analytical Data Map
November 19-20, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960	
DATE 05/20/2019	REVIEWED BY JL	MAP SCALE 1 inch = 80 feet	

Appendix A

Analytical Lab Reports and Chain-of-Custody Documentation

ANALYTICAL REPORT

Eurofins TestAmerica, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-88963-1

Client Project/Site: BP - OPLC - Allen Station
Sampling Event: Allen Station Waters

For:

Antea USA Inc.
4006 148th Ave NE
Redmond, Washington 98052

Attn: Megan Richard



Authorized for release by:

9/20/2019 11:39:21 AM

Kristine Allen, Manager of Project Management
(253)248-4970

kristine.allen@testamericainc.com

Designee for

Elaine Walker, Project Manager II
(253)248-4972

elaine.walker@testamericainc.com

LINKS

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results through

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Job ID: 580-88963-1

Laboratory: Eurofins TestAmerica, Seattle

Narrative

Job Narrative 580-88963-1

Comments

No additional comments.

Receipt

The samples were received on 9/5/2019 11:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.9° C, 1.4° C and 5.9° C.

GC/MS VOA

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20190904 (580-88963-2), MW-21_20190904 (580-88963-4), MW-35_20190904 (580-88963-5), MW-35_20190904 (580-88963-5[MS]), MW-35_20190904 (580-88963-5[MSD]), MW-43_20190904 (580-88963-8), MW-44_20190904 (580-88963-9), MW-45_20190904 (580-88963-10), MW-56_20190904 (580-88963-12), MW-66_20190904 (580-88963-21) and Dup-1_20190904 (580-88963-29). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-67_20190904 (580-88963-22) and Dup-2_20190904 (580-88963-30). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method(s) NWTPH-Gx: Surrogate recovery for the following samples were outside control limits: MW-2_20190904 (580-88963-1), MW-2_20190904 (580-88963-1[MS]), MW-2_20190904 (580-88963-1[MSD]), MW-19_20190904 (580-88963-2), MW-21_20190904 (580-88963-4), MW-43_20190904 (580-88963-8), MW-44_20190904 (580-88963-9) and MW-45_20190904 (580-88963-10). Evidence of matrix interference due to high target analytes is present; therefore, re-extraction and/or re-analysis was not performed. Surrogate 4-Bromofluorobenzene (Surr) was affected.

Method(s) NWTPH-Gx: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-35_20190904 (580-88963-5), MW-35_20190904 (580-88963-5[MS]), MW-35_20190904 (580-88963-5[MSD]) and MW-56_20190904 (580-88963-12). Elevated reporting limits (RLs) are provided.

Method(s) NWTPH-Gx: Surrogate 4-Bromofluorobenzene (Surr) recovery for the following samples were outside control limits: MW-64_20190904 (580-88963-20), MW-67_20190904 (580-88963-22), Dup-1_20190904 (580-88963-29) and Dup-2_20190904 (580-88963-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. Surrogate Trifluorotoluene (Surr) recovered within the limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) NWTPH-Dx: Continuing calibration verification (CCV) standard associated with batch 580-311215 recovered outside %Drift acceptance criteria for o-Terphenyl surrogate. The %Recovery is within acceptance criteria for the surrogate in the CCV and associated samples; therefore, the data are qualified and reported. (CCV 580-311215/14) and (CCV 580-311215/25)

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-35_20190904 (580-88963-5), MW-35_20190904 (580-88963-5[MS]), MW-35_20190904 (580-88963-5[MSD]) and MW-45_20190904 (580-88963-10).

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-56_20190904 (580-88963-12), MW-67_20190904 (580-88963-22) and Dup-2_20190904 (580-88963-30).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Job ID: 580-88963-1 (Continued)

Laboratory: Eurofins TestAmerica, Seattle (Continued)

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-2_20190904

Lab Sample ID: 580-88963-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	88	F2	3.0		ug/L	1		8260C	Total/NA
Toluene	4.3	F1	2.0		ug/L	1		8260C	Total/NA
Ethylbenzene	37	F2 F1	3.0		ug/L	1		8260C	Total/NA
Xylenes, Total	13	F2 F1	3.0		ug/L	1		8260C	Total/NA
Gasoline	1500	F1 F2	250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3800	F1	110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	820		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-19_20190904

Lab Sample ID: 580-88963-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	7.7		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	29		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	810		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	720		30		ug/L	10		8260C	Total/NA
Gasoline	6000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3100		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-20_20190904

Lab Sample ID: 580-88963-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	270		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-21_20190904

Lab Sample ID: 580-88963-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	40		3.0		ug/L	1		8260C	Total/NA
Toluene	4.7		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	40		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	190		30		ug/L	10		8260C	Total/NA
Gasoline	7000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	9000		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1400		360		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-35_20190904

Lab Sample ID: 580-88963-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11000		300		ug/L	100		8260C	Total/NA
Toluene	280		200		ug/L	100		8260C	Total/NA
Ethylbenzene	2600	F1	300		ug/L	100		8260C	Total/NA
Xylenes, Total	10000		300		ug/L	100		8260C	Total/NA
Gasoline	22000	F1 F2	5000		ug/L	20		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	4600	F1	110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-39_20190904

Lab Sample ID: 580-88963-6

No Detections.

Client Sample ID: MW-41_20190904

Lab Sample ID: 580-88963-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-43_20190904

Lab Sample ID: 580-88963-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	13		3.0		ug/L	1		8260C	Total/NA
Toluene	14		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	660		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	420		30		ug/L	10		8260C	Total/NA
Gasoline	20000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	4700		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-44_20190904

Lab Sample ID: 580-88963-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	99		3.0		ug/L	1		8260C	Total/NA
Toluene	6.7		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	11		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	150		30		ug/L	10		8260C	Total/NA
Gasoline	2500		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1200		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-45_20190904

Lab Sample ID: 580-88963-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	19		3.0		ug/L	1		8260C	Total/NA
Toluene	2.0		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	6.8		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	190		30		ug/L	10		8260C	Total/NA
Gasoline	4000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2100		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-55_20190904

Lab Sample ID: 580-88963-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	110		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-56_20190904

Lab Sample ID: 580-88963-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	130		3.0		ug/L	1		8260C	Total/NA
Toluene	68		2.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	1900		300		ug/L	100		8260C	Total/NA
Xylenes, Total - DL	6100		300		ug/L	100		8260C	Total/NA
Gasoline	21000		5000		ug/L	20		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2000		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-57_20190904

Lab Sample ID: 580-88963-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12		3.0		ug/L	1		8260C	Total/NA
#2 Diesel (C10-C24)	120		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-58_20190904

Lab Sample ID: 580-88963-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	650		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	4000		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1100		350		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-59_20190904

Lab Sample ID: 580-88963-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1600		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	15000		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	2500		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-60_20190904

Lab Sample ID: 580-88963-16

No Detections.

Client Sample ID: MW-61_20190904

Lab Sample ID: 580-88963-17

No Detections.

Client Sample ID: MW-62_20190904

Lab Sample ID: 580-88963-18

No Detections.

Client Sample ID: MW-63_20190904

Lab Sample ID: 580-88963-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	110		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-64_20190904

Lab Sample ID: 580-88963-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.2		3.0		ug/L	1		8260C	Total/NA
Xylenes, Total	4.2		3.0		ug/L	1		8260C	Total/NA
Gasoline	1200		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3000		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	560		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-66_20190904

Lab Sample ID: 580-88963-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	4.9		2.0		ug/L	1		8260C	Total/NA
Ethylbenzene	77		3.0		ug/L	1		8260C	Total/NA
Xylenes, Total	3.4		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	280		30		ug/L	10		8260C	Total/NA
Gasoline	1100		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1600		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-67_20190904

Lab Sample ID: 580-88963-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	8.4		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	79		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	320		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	540		30		ug/L	10		8260C	Total/NA
Gasoline	5500		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1200		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-70_20190904

Lab Sample ID: 580-88963-23

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-71_20190904

Lab Sample ID: 580-88963-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	310		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: AG-WELL_20190904

Lab Sample ID: 580-88963-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	140		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Trip Blank-1_

Lab Sample ID: 580-88963-26

No Detections.

Client Sample ID: Trip Blank-2_

Lab Sample ID: 580-88963-27

No Detections.

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-88963-28

No Detections.

Client Sample ID: Dup-1_20190904

Lab Sample ID: 580-88963-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	49		3.0		ug/L	1		8260C	Total/NA
Toluene	5.3		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	46		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	220		30		ug/L	10		8260C	Total/NA
Gasoline	7000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	9300		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1500		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Dup-2_20190904

Lab Sample ID: 580-88963-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	6.4		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	26		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	790		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	780		30		ug/L	10		8260C	Total/NA
Gasoline	6000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2200		110		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-2_20190904

Lab Sample ID: 580-88963-1

Date Collected: 09/03/19 15:05

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	88	F2	3.0		ug/L			09/09/19 23:06	1
Toluene	4.3	F1	2.0		ug/L			09/09/19 23:06	1
Ethylbenzene	37	F2 F1	3.0		ug/L			09/09/19 23:06	1
Xylenes, Total	13	F2 F1	3.0		ug/L			09/09/19 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		09/09/19 23:06	1
Toluene-d8 (Surr)	103		80 - 120		09/09/19 23:06	1
1,2-Dichloroethane-d4 (Surr)	86		80 - 126		09/09/19 23:06	1
4-Bromofluorobenzene (Surr)	103		80 - 120		09/09/19 23:06	1
Dibromofluoromethane (Surr)	98		80 - 120		09/09/19 23:06	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1500	F1 F2	250		ug/L			09/12/19 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	205	X	50 - 150		09/12/19 21:37	1
Trifluorotoluene (Surr)	111		50 - 150		09/12/19 21:37	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3800	F1	110		ug/L		09/11/19 12:50	09/13/19 00:45	1
Motor Oil (>C24-C36)	820		360		ug/L		09/11/19 12:50	09/13/19 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	09/11/19 12:50	09/13/19 00:45	1

Client Sample ID: MW-19_20190904

Lab Sample ID: 580-88963-2

Date Collected: 09/04/19 09:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	7.7		2.0		ug/L			09/10/19 14:15	1
Xylenes, Total	29		3.0		ug/L			09/10/19 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120		09/10/19 14:15	1
Toluene-d8 (Surr)	105		80 - 120		09/10/19 14:15	1
1,2-Dichloroethane-d4 (Surr)	85		80 - 126		09/10/19 14:15	1
4-Bromofluorobenzene (Surr)	105		80 - 120		09/10/19 14:15	1
Dibromofluoromethane (Surr)	95		80 - 120		09/10/19 14:15	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	810		30		ug/L			09/11/19 18:53	10
Ethylbenzene	720		30		ug/L			09/11/19 18:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120		09/11/19 18:53	10
Toluene-d8 (Surr)	103		80 - 120		09/11/19 18:53	10

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-19_20190904

Lab Sample ID: 580-88963-2

Date Collected: 09/04/19 09:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		80 - 126		09/11/19 18:53	10
4-Bromofluorobenzene (Surr)	102		80 - 120		09/11/19 18:53	10
Dibromofluoromethane (Surr)	94		80 - 120		09/11/19 18:53	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6000		250		ug/L	-		09/13/19 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	X	50 - 150					09/13/19 00:38	1
Trifluorotoluene (Surr)	127		50 - 150					09/13/19 00:38	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Method: NWT-1-P-Dx - Northwest - Semi-Volatile Petroleum Products (SV)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3100		110		ug/L		09/11/19 12:50	09/13/19 01:46	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/19 12:50	09/13/19 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150				09/11/19 12:50	09/13/19 01:46	1

Client Sample ID: MW-20_20190904

Lab Sample ID: 580-88963-3

Date Collected: 09/04/19 09:40

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 14:39	1
Toluene	ND		2.0		ug/L			09/10/19 14:39	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 14:39	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 14:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120					09/10/19 14:39	1
Toluene-d8 (Surr)	101		80 - 120					09/10/19 14:39	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/10/19 14:39	1
4-Bromofluorobenzene (Surr)	102		80 - 120					09/10/19 14:39	1
Dibromofluoromethane (Surr)	97		80 - 120					09/10/19 14:39	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L	-		09/12/19 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					09/12/19 20:37	1
Trifluorotoluene (Surr)	120		50 - 150					09/12/19 20:37	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	270		110		ug/L		09/12/19 10:09	09/15/19 12:36	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 12:36	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-20_20190904

Lab Sample ID: 580-88963-3

Date Collected: 09/04/19 09:40

Matrix: Water

Date Received: 09/05/19 11:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	96		50 - 150	09/12/19 10:09	09/15/19 12:36	1

Client Sample ID: MW-21_20190904

Lab Sample ID: 580-88963-4

Date Collected: 09/03/19 15:55

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	40		3.0		ug/L			09/10/19 00:21	1
Toluene	4.7		2.0		ug/L			09/10/19 00:21	1
Xylenes, Total	40		3.0		ug/L			09/10/19 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120					09/10/19 00:21	1
Toluene-d8 (Surr)	103		80 - 120					09/10/19 00:21	1
1,2-Dichloroethane-d4 (Surr)	87		80 - 126					09/10/19 00:21	1
4-Bromofluorobenzene (Surr)	106		80 - 120					09/10/19 00:21	1
Dibromofluoromethane (Surr)	100		80 - 120					09/10/19 00:21	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	190		30		ug/L			09/11/19 16:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120					09/11/19 16:50	10
Toluene-d8 (Surr)	103		80 - 120					09/11/19 16:50	10
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/11/19 16:50	10
4-Bromofluorobenzene (Surr)	104		80 - 120					09/11/19 16:50	10
Dibromofluoromethane (Surr)	95		80 - 120					09/11/19 16:50	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7000		250		ug/L			09/13/19 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	285	X	50 - 150					09/13/19 01:08	1
Trifluorotoluene (Surr)	120		50 - 150					09/13/19 01:08	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	9000		110		ug/L		09/11/19 12:50	09/13/19 02:06	1
Motor Oil (>C24-C36)	1400		360		ug/L		09/11/19 12:50	09/13/19 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	84		50 - 150				09/11/19 12:50	09/13/19 02:06	1

Client Sample ID: MW-35_20190904

Lab Sample ID: 580-88963-5

Date Collected: 09/04/19 09:05

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11000		300		ug/L			09/11/19 20:07	100

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-35_20190904

Lab Sample ID: 580-88963-5

Date Collected: 09/04/19 09:05

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	280		200		ug/L			09/11/19 20:07	100
Ethylbenzene	2600	F1	300		ug/L			09/11/19 20:07	100
Xylenes, Total	10000		300		ug/L			09/11/19 20:07	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120					09/11/19 20:07	100
Toluene-d8 (Surr)	104		80 - 120					09/11/19 20:07	100
1,2-Dichloroethane-d4 (Surr)	87		80 - 126					09/11/19 20:07	100
4-Bromofluorobenzene (Surr)	104		80 - 120					09/11/19 20:07	100
Dibromofluoromethane (Surr)	94		80 - 120					09/11/19 20:07	100

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	22000	F1 F2	5000		ug/L			09/13/19 02:38	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150					09/13/19 02:38	20
Trifluorotoluene (Surr)	116		50 - 150					09/13/19 02:38	20

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4600	F1	110		ug/L		09/12/19 10:09	09/15/19 12:56	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 12:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150				09/12/19 10:09	09/15/19 12:56	1

Client Sample ID: MW-39_20190904

Lab Sample ID: 580-88963-6

Date Collected: 09/04/19 09:45

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			09/10/19 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120					09/10/19 16:19	1
Toluene-d8 (Surr)	101		80 - 120					09/10/19 16:19	1
1,2-Dichloroethane-d4 (Surr)	87		80 - 126					09/10/19 16:19	1
4-Bromofluorobenzene (Surr)	106		80 - 120					09/10/19 16:19	1
Dibromofluoromethane (Surr)	96		80 - 120					09/10/19 16:19	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 13:32	1
Ethylbenzene	ND		3.0		ug/L			09/11/19 13:32	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120					09/11/19 13:32	1
Toluene-d8 (Surr)	103		80 - 120					09/11/19 13:32	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 126					09/11/19 13:32	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-39_20190904

Lab Sample ID: 580-88963-6

Date Collected: 09/04/19 09:45

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS - RA (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		09/11/19 13:32	1
Dibromofluoromethane (Surr)	95		80 - 120		09/11/19 13:32	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/12/19 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150					09/12/19 19:37	1
Trifluorotoluene (Surr)	122		50 - 150					09/12/19 19:37	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/12/19 10:09	09/15/19 13:56	1
Motor Oil (>C24-C36)	ND		360		ug/L		09/12/19 10:09	09/15/19 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150				09/12/19 10:09	09/15/19 13:56	1

Client Sample ID: MW-41_20190904

Lab Sample ID: 580-88963-7

Date Collected: 09/03/19 12:35

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 00:45	1
Toluene	ND		2.0		ug/L			09/10/19 00:45	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 00:45	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120					09/10/19 00:45	1
Toluene-d8 (Surr)	101		80 - 120					09/10/19 00:45	1
1,2-Dichloroethane-d4 (Surr)	94		80 - 126					09/10/19 00:45	1
4-Bromofluorobenzene (Surr)	104		80 - 120					09/10/19 00:45	1
Dibromofluoromethane (Surr)	96		80 - 120					09/10/19 00:45	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/12/19 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					09/12/19 19:06	1
Trifluorotoluene (Surr)	116		50 - 150					09/12/19 19:06	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/11/19 12:50	09/13/19 02:26	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/19 12:50	09/13/19 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150				09/11/19 12:50	09/13/19 02:26	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-43_20190904

Lab Sample ID: 580-88963-8

Date Collected: 09/03/19 11:57

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13		3.0		ug/L			09/10/19 01:10	1
Toluene	14		2.0		ug/L			09/10/19 01:10	1
Xylenes, Total	660		3.0		ug/L			09/10/19 01:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120					09/10/19 01:10	1
Toluene-d8 (Surr)	101		80 - 120					09/10/19 01:10	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 126					09/10/19 01:10	1
4-Bromofluorobenzene (Surr)	109		80 - 120					09/10/19 01:10	1
Dibromofluoromethane (Surr)	94		80 - 120					09/10/19 01:10	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	420		30		ug/L			09/11/19 17:14	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120					09/11/19 17:14	10
Toluene-d8 (Surr)	103		80 - 120					09/11/19 17:14	10
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/11/19 17:14	10
4-Bromofluorobenzene (Surr)	106		80 - 120					09/11/19 17:14	10
Dibromofluoromethane (Surr)	93		80 - 120					09/11/19 17:14	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	20000		250		ug/L			09/13/19 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	253	X	50 - 150					09/13/19 01:38	1
Trifluorotoluene (Surr)	117		50 - 150					09/13/19 01:38	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4700		110		ug/L		09/11/19 12:50	09/13/19 02:46	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/19 12:50	09/13/19 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150				09/11/19 12:50	09/13/19 02:46	1

Client Sample ID: MW-44_20190904

Lab Sample ID: 580-88963-9

Date Collected: 09/03/19 10:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	99		3.0		ug/L			09/10/19 01:35	1
Toluene	6.7		2.0		ug/L			09/10/19 01:35	1
Xylenes, Total	11		3.0		ug/L			09/10/19 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120					09/10/19 01:35	1
Toluene-d8 (Surr)	104		80 - 120					09/10/19 01:35	1
1,2-Dichloroethane-d4 (Surr)	87		80 - 126					09/10/19 01:35	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-44_20190904

Lab Sample ID: 580-88963-9

Date Collected: 09/03/19 10:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 120		09/10/19 01:35	1
Dibromofluoromethane (Surr)	95		80 - 120		09/10/19 01:35	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	150		30		ug/L			09/11/19 17:39	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		09/11/19 17:39	10
Toluene-d8 (Surr)	103		80 - 120		09/11/19 17:39	10
1,2-Dichloroethane-d4 (Surr)	86		80 - 126		09/11/19 17:39	10
4-Bromofluorobenzene (Surr)	100		80 - 120		09/11/19 17:39	10
Dibromofluoromethane (Surr)	93		80 - 120		09/11/19 17:39	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2500		250		ug/L			09/12/19 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	195	X	50 - 150		09/12/19 23:37	1
Trifluorotoluene (Surr)	121		50 - 150		09/12/19 23:37	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1200		110		ug/L		09/11/19 12:50	09/13/19 03:26	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/19 12:50	09/13/19 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	103		50 - 150	09/11/19 12:50	09/13/19 03:26	1

Client Sample ID: MW-45_20190904

Lab Sample ID: 580-88963-10

Date Collected: 09/04/19 09:20

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		3.0		ug/L			09/10/19 17:54	1
Toluene	2.0		2.0		ug/L			09/10/19 17:54	1
Xylenes, Total	6.8		3.0		ug/L			09/10/19 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120		09/10/19 17:54	1
Toluene-d8 (Surr)	101		80 - 120		09/10/19 17:54	1
1,2-Dichloroethane-d4 (Surr)	88		80 - 126		09/10/19 17:54	1
4-Bromofluorobenzene (Surr)	107		80 - 120		09/10/19 17:54	1
Dibromofluoromethane (Surr)	97		80 - 120		09/10/19 17:54	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	190		30		ug/L			09/11/19 19:18	10

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-45_20190904

Lab Sample ID: 580-88963-10

Date Collected: 09/04/19 09:20

Matrix: Water

Date Received: 09/05/19 11:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		09/11/19 19:18	10
Toluene-d8 (Surr)	102		80 - 120		09/11/19 19:18	10
1,2-Dichloroethane-d4 (Surr)	90		80 - 126		09/11/19 19:18	10
4-Bromofluorobenzene (Surr)	102		80 - 120		09/11/19 19:18	10
Dibromofluoromethane (Surr)	95		80 - 120		09/11/19 19:18	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	4000		250		ug/L			09/13/19 00:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	256	X	50 - 150					09/13/19 00:08	1
Trifluorotoluene (Surr)	117		50 - 150					09/13/19 00:08	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2100		110		ug/L		09/12/19 10:09	09/15/19 14:16	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150				09/12/19 10:09	09/15/19 14:16	1

Client Sample ID: MW-55_20190904

Lab Sample ID: 580-88963-11

Date Collected: 09/04/19 12:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 18:19	1
Toluene	ND		2.0		ug/L			09/10/19 18:19	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 18:19	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120		09/10/19 18:19	1
Toluene-d8 (Surr)	102		80 - 120		09/10/19 18:19	1
1,2-Dichloroethane-d4 (Surr)	92		80 - 126		09/10/19 18:19	1
4-Bromofluorobenzene (Surr)	102		80 - 120		09/10/19 18:19	1
Dibromofluoromethane (Surr)	97		80 - 120		09/10/19 18:19	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/12/19 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		50 - 150					09/12/19 20:07	1
Trifluorotoluene (Surr)	121		50 - 150					09/12/19 20:07	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	110		110		ug/L		09/12/19 10:09	09/15/19 14:37	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 14:37	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-55_20190904

Lab Sample ID: 580-88963-11

Date Collected: 09/04/19 12:00

Matrix: Water

Date Received: 09/05/19 11:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	92		50 - 150	09/12/19 10:09	09/15/19 14:37	1

Client Sample ID: MW-56_20190904

Lab Sample ID: 580-88963-12

Date Collected: 09/04/19 11:50

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	130		3.0		ug/L			09/10/19 18:44	1
Toluene	68		2.0		ug/L			09/10/19 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	113		80 - 120					09/10/19 18:44	1
Toluene-d8 (Surr)	103		80 - 120					09/10/19 18:44	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/10/19 18:44	1
4-Bromofluorobenzene (Surr)	113		80 - 120					09/10/19 18:44	1
Dibromofluoromethane (Surr)	97		80 - 120					09/10/19 18:44	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1900		300		ug/L			09/11/19 19:43	100
Xylenes, Total	6100		300		ug/L			09/11/19 19:43	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120					09/11/19 19:43	100
Toluene-d8 (Surr)	103		80 - 120					09/11/19 19:43	100
1,2-Dichloroethane-d4 (Surr)	92		80 - 126					09/11/19 19:43	100
4-Bromofluorobenzene (Surr)	104		80 - 120					09/11/19 19:43	100
Dibromofluoromethane (Surr)	96		80 - 120					09/11/19 19:43	100

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	21000		5000		ug/L			09/13/19 02:08	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					09/13/19 02:08	20
Trifluorotoluene (Surr)	116		50 - 150					09/13/19 02:08	20

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2000		110		ug/L		09/12/19 10:09	09/15/19 01:42	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 01:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	63		50 - 150				09/12/19 10:09	09/15/19 01:42	1

Client Sample ID: MW-57_20190904

Lab Sample ID: 580-88963-13

Date Collected: 09/04/19 11:30

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12		3.0		ug/L			09/10/19 19:08	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-57_20190904

Lab Sample ID: 580-88963-13

Date Collected: 09/04/19 11:30

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			09/10/19 19:08	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120					09/10/19 19:08	1
Toluene-d8 (Surr)	102		80 - 120					09/10/19 19:08	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/10/19 19:08	1
4-Bromofluorobenzene (Surr)	105		80 - 120					09/10/19 19:08	1
Dibromofluoromethane (Surr)	96		80 - 120					09/10/19 19:08	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.0		ug/L			09/11/19 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120					09/11/19 13:07	1
Toluene-d8 (Surr)	103		80 - 120					09/11/19 13:07	1
1,2-Dichloroethane-d4 (Surr)	88		80 - 126					09/11/19 13:07	1
4-Bromofluorobenzene (Surr)	102		80 - 120					09/11/19 13:07	1
Dibromofluoromethane (Surr)	92		80 - 120					09/11/19 13:07	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/12/19 21:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					09/12/19 21:07	1
Trifluorotoluene (Surr)	122		50 - 150					09/12/19 21:07	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	120		110		ug/L		09/12/19 10:09	09/15/19 02:04	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	62		50 - 150				09/12/19 10:09	09/15/19 02:04	1

Client Sample ID: MW-58_20190904

Lab Sample ID: 580-88963-14

Date Collected: 09/04/19 11:10

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 19:33	1
Toluene	ND		2.0		ug/L			09/10/19 19:33	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 19:33	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120					09/10/19 19:33	1
Toluene-d8 (Surr)	102		80 - 120					09/10/19 19:33	1
1,2-Dichloroethane-d4 (Surr)	90		80 - 126					09/10/19 19:33	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-58_20190904

Lab Sample ID: 580-88963-14

Date Collected: 09/04/19 11:10

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		80 - 120		09/10/19 19:33	1
Dibromofluoromethane (Surr)	97		80 - 120		09/10/19 19:33	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	650		250		ug/L	-		09/10/19 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		50 - 150					09/10/19 21:32	1
Trifluorotoluene (Surr)	108		50 - 150					09/10/19 21:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4000		110		ug/L		09/12/19 10:09	09/15/19 02:26	1
Motor Oil (>C24-C36)	1100		350		ug/L		09/12/19 10:09	09/15/19 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150				09/12/19 10:09	09/15/19 02:26	1

Client Sample ID: MW-59_20190904

Lab Sample ID: 580-88963-15

Date Collected: 09/04/19 11:45

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 19:58	1
Toluene	ND		2.0		ug/L			09/10/19 19:58	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 19:58	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120					09/10/19 19:58	1
Toluene-d8 (Surr)	103		80 - 120					09/10/19 19:58	1
1,2-Dichloroethane-d4 (Surr)	93		80 - 126					09/10/19 19:58	1
4-Bromofluorobenzene (Surr)	103		80 - 120					09/10/19 19:58	1
Dibromofluoromethane (Surr)	99		80 - 120					09/10/19 19:58	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1600		250		ug/L			09/10/19 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		50 - 150					09/10/19 22:02	1
Trifluorotoluene (Surr)	94		50 - 150					09/10/19 22:02	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	15000		110		ug/L		09/12/19 10:09	09/15/19 02:48	1
Motor Oil (>C24-C36)	2500		350		ug/L		09/12/19 10:09	09/15/19 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150				09/12/19 10:09	09/15/19 02:48	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-60_20190904

Lab Sample ID: 580-88963-16

Date Collected: 09/04/19 11:05

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 20:23	1
Toluene	ND		2.0		ug/L			09/10/19 20:23	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 20:23	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120		09/10/19 20:23	1
Toluene-d8 (Surr)	101		80 - 120		09/10/19 20:23	1
1,2-Dichloroethane-d4 (Surr)	88		80 - 126		09/10/19 20:23	1
4-Bromofluorobenzene (Surr)	105		80 - 120		09/10/19 20:23	1
Dibromofluoromethane (Surr)	95		80 - 120		09/10/19 20:23	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		09/10/19 22:32	1
Trifluorotoluene (Surr)	113		50 - 150		09/10/19 22:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/12/19 10:09	09/15/19 03:11	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	61		50 - 150	09/12/19 10:09	09/15/19 03:11	1

Client Sample ID: MW-61_20190904

Lab Sample ID: 580-88963-17

Date Collected: 09/04/19 12:35

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 13:57	1
Toluene	ND		2.0		ug/L			09/11/19 13:57	1
Ethylbenzene	ND		3.0		ug/L			09/11/19 13:57	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		09/11/19 13:57	1
Toluene-d8 (Surr)	102		80 - 120		09/11/19 13:57	1
1,2-Dichloroethane-d4 (Surr)	92		80 - 126		09/11/19 13:57	1
4-Bromofluorobenzene (Surr)	100		80 - 120		09/11/19 13:57	1
Dibromofluoromethane (Surr)	93		80 - 120		09/11/19 13:57	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150		09/10/19 23:03	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-61_20190904

Lab Sample ID: 580-88963-17

Date Collected: 09/04/19 12:35

Matrix: Water

Date Received: 09/05/19 11:25

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	111		50 - 150		09/10/19 23:03	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/12/19 10:09	09/15/19 03:33	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 03:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150				09/12/19 10:09	09/15/19 03:33	1

Client Sample ID: MW-62_20190904

Lab Sample ID: 580-88963-18

Date Collected: 09/04/19 12:55

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 14:21	1
Toluene	ND		2.0		ug/L			09/11/19 14:21	1
Ethylbenzene	ND		3.0		ug/L			09/11/19 14:21	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120					09/11/19 14:21	1
Toluene-d8 (Surr)	105		80 - 120					09/11/19 14:21	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/11/19 14:21	1
4-Bromofluorobenzene (Surr)	99		80 - 120					09/11/19 14:21	1
Dibromofluoromethane (Surr)	94		80 - 120					09/11/19 14:21	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L	-		09/10/19 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150					09/10/19 23:33	1
Trifluorotoluene (Surr)	110		50 - 150					09/10/19 23:33	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/12/19 10:09	09/15/19 03:55	1
Motor Oil (>C24-C36)	ND		360		ug/L		09/12/19 10:09	09/15/19 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	69		50 - 150				09/12/19 10:09	09/15/19 03:55	1

Client Sample ID: MW-63_20190904

Lab Sample ID: 580-88963-19

Date Collected: 09/04/19 13:10

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 14:46	1
Toluene	ND		2.0		ug/L			09/11/19 14:46	1

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Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-63_20190904

Lab Sample ID: 580-88963-19

Date Collected: 09/04/19 13:10

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		3.0		ug/L			09/11/19 14:46	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120					09/11/19 14:46	1
Toluene-d8 (Surr)	101		80 - 120					09/11/19 14:46	1
1,2-Dichloroethane-d4 (Surr)	92		80 - 126					09/11/19 14:46	1
4-Bromofluorobenzene (Surr)	99		80 - 120					09/11/19 14:46	1
Dibromofluoromethane (Surr)	95		80 - 120					09/11/19 14:46	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/11/19 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150					09/11/19 00:03	1
Trifluorotoluene (Surr)	110		50 - 150					09/11/19 00:03	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	110		110		ug/L		09/12/19 10:09	09/15/19 04:17	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	67		50 - 150				09/12/19 10:09	09/15/19 04:17	1

Client Sample ID: MW-64_20190904

Lab Sample ID: 580-88963-20

Date Collected: 09/03/19 09:25

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.2		3.0		ug/L			09/10/19 02:00	1
Toluene	ND		2.0		ug/L			09/10/19 02:00	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 02:00	1
Xylenes, Total	4.2		3.0		ug/L			09/10/19 02:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120					09/10/19 02:00	1
Toluene-d8 (Surr)	102		80 - 120					09/10/19 02:00	1
1,2-Dichloroethane-d4 (Surr)	90		80 - 126					09/10/19 02:00	1
4-Bromofluorobenzene (Surr)	104		80 - 120					09/10/19 02:00	1
Dibromofluoromethane (Surr)	98		80 - 120					09/10/19 02:00	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1200		250		ug/L			09/11/19 00:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	179	X	50 - 150					09/11/19 00:33	1
Trifluorotoluene (Surr)	111		50 - 150					09/11/19 00:33	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-64_20190904

Lab Sample ID: 580-88963-20

Date Collected: 09/03/19 09:25

Matrix: Water

Date Received: 09/05/19 11:25

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3000		110		ug/L		09/11/19 12:50	09/13/19 03:47	1
Motor Oil (>C24-C36)	560		350		ug/L		09/11/19 12:50	09/13/19 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				09/11/19 12:50	09/13/19 03:47	1

Client Sample ID: MW-66_20190904

Lab Sample ID: 580-88963-21

Date Collected: 09/03/19 16:50

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	4.9		2.0		ug/L			09/10/19 02:25	1
Ethylbenzene	77		3.0		ug/L			09/10/19 02:25	1
Xylenes, Total	3.4		3.0		ug/L			09/10/19 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120					09/10/19 02:25	1
Toluene-d8 (Surr)	104		80 - 120					09/10/19 02:25	1
1,2-Dichloroethane-d4 (Surr)	88		80 - 126					09/10/19 02:25	1
4-Bromofluorobenzene (Surr)	104		80 - 120					09/10/19 02:25	1
Dibromofluoromethane (Surr)	95		80 - 120					09/10/19 02:25	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	280		30		ug/L			09/11/19 18:04	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120					09/11/19 18:04	10
Toluene-d8 (Surr)	103		80 - 120					09/11/19 18:04	10
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/11/19 18:04	10
4-Bromofluorobenzene (Surr)	100		80 - 120					09/11/19 18:04	10
Dibromofluoromethane (Surr)	92		80 - 120					09/11/19 18:04	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1100		250		ug/L			09/11/19 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146		50 - 150					09/11/19 01:03	1
Trifluorotoluene (Surr)	111		50 - 150					09/11/19 01:03	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1600		110		ug/L		09/11/19 12:50	09/13/19 04:07	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/19 12:50	09/13/19 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150				09/11/19 12:50	09/13/19 04:07	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-67_20190904

Lab Sample ID: 580-88963-22

Date Collected: 09/04/19 12:50

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.4		2.0		ug/L			09/11/19 15:11	1
Xylenes, Total	79		3.0		ug/L			09/11/19 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120					09/11/19 15:11	1
Toluene-d8 (Surr)	103		80 - 120					09/11/19 15:11	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/11/19 15:11	1
4-Bromofluorobenzene (Surr)	108		80 - 120					09/11/19 15:11	1
Dibromofluoromethane (Surr)	94		80 - 120					09/11/19 15:11	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	320		30		ug/L			09/12/19 23:39	10
Ethylbenzene	540		30		ug/L			09/12/19 23:39	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120					09/12/19 23:39	10
Toluene-d8 (Surr)	101		80 - 120					09/12/19 23:39	10
1,2-Dichloroethane-d4 (Surr)	88		80 - 126					09/12/19 23:39	10
4-Bromofluorobenzene (Surr)	104		80 - 120					09/12/19 23:39	10
Dibromofluoromethane (Surr)	94		80 - 120					09/12/19 23:39	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5500		250		ug/L			09/11/19 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	X	50 - 150					09/11/19 01:33	1
Trifluorotoluene (Surr)	113		50 - 150					09/11/19 01:33	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1200		110		ug/L		09/12/19 10:09	09/15/19 04:39	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 04:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150				09/12/19 10:09	09/15/19 04:39	1

Client Sample ID: MW-70_20190904

Lab Sample ID: 580-88963-23

Date Collected: 09/04/19 12:10

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 15:35	1
Toluene	ND		2.0		ug/L			09/11/19 15:35	1
Ethylbenzene	ND		3.0		ug/L			09/11/19 15:35	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120					09/11/19 15:35	1
Toluene-d8 (Surr)	103		80 - 120					09/11/19 15:35	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-70_20190904

Lab Sample ID: 580-88963-23

Date Collected: 09/04/19 12:10

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		80 - 126		09/11/19 15:35	1
4-Bromofluorobenzene (Surr)	101		80 - 120		09/11/19 15:35	1
Dibromofluoromethane (Surr)	92		80 - 120		09/11/19 15:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/11/19 02:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					09/11/19 02:03	1
Trifluorotoluene (Surr)	114		50 - 150					09/11/19 02:03	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/12/19 10:09	09/15/19 05:02	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 05:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150				09/12/19 10:09	09/15/19 05:02	1

Client Sample ID: MW-71_20190904

Lab Sample ID: 580-88963-24

Date Collected: 09/03/19 08:55

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 02:49	1
Toluene	ND		2.0		ug/L			09/10/19 02:49	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 02:49	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120					09/10/19 02:49	1
Toluene-d8 (Surr)	102		80 - 120					09/10/19 02:49	1
1,2-Dichloroethane-d4 (Surr)	88		80 - 126					09/10/19 02:49	1
4-Bromofluorobenzene (Surr)	102		80 - 120					09/10/19 02:49	1
Dibromofluoromethane (Surr)	96		80 - 120					09/10/19 02:49	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150					09/10/19 19:01	1
Trifluorotoluene (Surr)	96		50 - 150					09/10/19 19:01	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	310		110		ug/L		09/11/19 12:50	09/13/19 04:27	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/11/19 12:50	09/13/19 04:27	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-71_20190904

Lab Sample ID: 580-88963-24

Date Collected: 09/03/19 08:55

Matrix: Water

Date Received: 09/05/19 11:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	84		50 - 150	09/11/19 12:50	09/13/19 04:27	1

Client Sample ID: AG-WELL_20190904

Lab Sample ID: 580-88963-25

Date Collected: 09/04/19 12:40

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 16:00	1
Toluene	ND		2.0		ug/L			09/11/19 16:00	1
Ethylbenzene	ND		3.0		ug/L			09/11/19 16:00	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		09/11/19 16:00	1
Toluene-d8 (Surr)	103		80 - 120		09/11/19 16:00	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126		09/11/19 16:00	1
4-Bromofluorobenzene (Surr)	100		80 - 120		09/11/19 16:00	1
Dibromofluoromethane (Surr)	93		80 - 120		09/11/19 16:00	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		09/10/19 19:31	1
Trifluorotoluene (Surr)	109		50 - 150		09/10/19 19:31	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	140		110		ug/L		09/12/19 10:09	09/15/19 05:46	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	64		50 - 150	09/12/19 10:09	09/15/19 05:46	1

Client Sample ID: Trip Blank-1_

Lab Sample ID: 580-88963-26

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 13:00	1
Toluene	ND		2.0		ug/L			09/10/19 13:00	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 13:00	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		09/10/19 13:00	1
Toluene-d8 (Surr)	102		80 - 120		09/10/19 13:00	1
1,2-Dichloroethane-d4 (Surr)	92		80 - 126		09/10/19 13:00	1
4-Bromofluorobenzene (Surr)	101		80 - 120		09/10/19 13:00	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: Trip Blank-1_

Lab Sample ID: 580-88963-26

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120		09/10/19 13:00	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		09/10/19 17:31	1
Trifluorotoluene (Surr)	93		50 - 150		09/10/19 17:31	1

Client Sample ID: Trip Blank-2_

Lab Sample ID: 580-88963-27

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 13:25	1
Toluene	ND		2.0		ug/L			09/10/19 13:25	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 13:25	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		09/10/19 13:25	1
Toluene-d8 (Surr)	101		80 - 120		09/10/19 13:25	1
1,2-Dichloroethane-d4 (Surr)	89		80 - 126		09/10/19 13:25	1
4-Bromofluorobenzene (Surr)	98		80 - 120		09/10/19 13:25	1
Dibromofluoromethane (Surr)	94		80 - 120		09/10/19 13:25	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		50 - 150		09/10/19 18:01	1
Trifluorotoluene (Surr)	112		50 - 150		09/10/19 18:01	1

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-88963-28

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 13:50	1
Toluene	ND		2.0		ug/L			09/10/19 13:50	1
Ethylbenzene	ND		3.0		ug/L			09/10/19 13:50	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		09/10/19 13:50	1
Toluene-d8 (Surr)	101		80 - 120		09/10/19 13:50	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 126		09/10/19 13:50	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-88963-28

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		09/10/19 13:50	1
Dibromofluoromethane (Surr)	97		80 - 120		09/10/19 13:50	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150					09/10/19 18:31	1
Trifluorotoluene (Surr)	109		50 - 150					09/10/19 18:31	1

Client Sample ID: Dup-1_20190904

Lab Sample ID: 580-88963-29

Date Collected: 09/03/19 06:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	49		3.0		ug/L			09/10/19 03:14	1
Toluene	5.3		2.0		ug/L			09/10/19 03:14	1
Xylenes, Total	46		3.0		ug/L			09/10/19 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	113		80 - 120					09/10/19 03:14	1
Toluene-d8 (Surr)	100		80 - 120					09/10/19 03:14	1
1,2-Dichloroethane-d4 (Surr)	86		80 - 126					09/10/19 03:14	1
4-Bromofluorobenzene (Surr)	105		80 - 120					09/10/19 03:14	1
Dibromofluoromethane (Surr)	95		80 - 120					09/10/19 03:14	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	220		30		ug/L			09/11/19 18:29	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120					09/11/19 18:29	10
Toluene-d8 (Surr)	103		80 - 120					09/11/19 18:29	10
1,2-Dichloroethane-d4 (Surr)	89		80 - 126					09/11/19 18:29	10
4-Bromofluorobenzene (Surr)	102		80 - 120					09/11/19 18:29	10
Dibromofluoromethane (Surr)	93		80 - 120					09/11/19 18:29	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7000		250		ug/L			09/10/19 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	287	X	50 - 150					09/10/19 20:02	1
Trifluorotoluene (Surr)	115		50 - 150					09/10/19 20:02	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	9300		110		ug/L		09/11/19 12:50	09/13/19 04:47	1
Motor Oil (>C24-C36)	1500		350		ug/L		09/11/19 12:50	09/13/19 04:47	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: Dup-1_20190904

Lab Sample ID: 580-88963-29

Date Collected: 09/03/19 06:00

Matrix: Water

Date Received: 09/05/19 11:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	86		50 - 150	09/11/19 12:50	09/13/19 04:47	1

Client Sample ID: Dup-2_20190904

Lab Sample ID: 580-88963-30

Date Collected: 09/04/19 08:00

Matrix: Water

Date Received: 09/05/19 11:25

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	6.4		2.0		ug/L	-		09/11/19 16:25	1
Xylenes, Total	26		3.0		ug/L	-		09/11/19 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Trifluorotoluene (Surr)</i>	109		80 - 120		09/11/19 16:25	1
<i>Toluene-d8 (Surr)</i>	103		80 - 120		09/11/19 16:25	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	88		80 - 126		09/11/19 16:25	1
<i>4-Bromofluorobenzene (Surr)</i>	105		80 - 120		09/11/19 16:25	1
<i>Dibromofluoromethane (Surr)</i>	93		80 - 120		09/11/19 16:25	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	790		30		ug/L	-		09/13/19 00:04	10
Ethylbenzene	780		30		ug/L	-		09/13/19 00:04	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Trifluorotoluene (Surr)</i>	107		80 - 120		09/13/19 00:04	10
<i>Toluene-d8 (Surr)</i>	103		80 - 120		09/13/19 00:04	10
<i>1,2-Dichloroethane-d4 (Surr)</i>	88		80 - 126		09/13/19 00:04	10
<i>4-Bromofluorobenzene (Surr)</i>	105		80 - 120		09/13/19 00:04	10
<i>Dibromofluoromethane (Surr)</i>	95		80 - 120		09/13/19 00:04	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6000		250		ug/L	-		09/10/19 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	237	X	50 - 150		09/10/19 20:32	1
<i>Trifluorotoluene (Surr)</i>	123		50 - 150		09/10/19 20:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2200		110		ug/L	-	09/12/19 10:09	09/15/19 06:08	1
Motor Oil (>C24-C36)	ND		350		ug/L	-	09/12/19 10:09	09/15/19 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	63		50 - 150	09/12/19 10:09	09/15/19 06:08	1

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)				
		TFT (80-120)	TOL (80-120)	DCA (80-126)	BFB (80-120)	DBFM (80-120)
580-88963-1	MW-2_20190904	105	103	86	103	98
580-88963-1 MS	MW-2_20190904	105	104	88	106	96
580-88963-1 MSD	MW-2_20190904	107	103	87	105	96
580-88963-2	MW-19_20190904	109	105	85	105	95
580-88963-2 - DL	MW-19_20190904	108	103	88	102	94
580-88963-3	MW-20_20190904	105	101	89	102	97
580-88963-4	MW-21_20190904	109	103	87	106	100
580-88963-4 - DL	MW-21_20190904	107	103	89	104	95
580-88963-5	MW-35_20190904	106	104	87	104	94
580-88963-5 MS	MW-35_20190904	108	103	87	104	95
580-88963-5 MSD	MW-35_20190904	107	103	87	106	95
580-88963-6	MW-39_20190904	110	101	87	106	96
580-88963-6 - RA	MW-39_20190904	104	103	91	101	95
580-88963-7	MW-41_20190904	107	101	94	104	96
580-88963-8	MW-43_20190904	105	101	91	109	94
580-88963-8 - DL	MW-43_20190904	109	103	89	106	93
580-88963-9	MW-44_20190904	109	104	87	104	95
580-88963-9 - DL	MW-44_20190904	105	103	86	100	93
580-88963-10	MW-45_20190904	108	101	88	107	97
580-88963-10 - DL	MW-45_20190904	107	102	90	102	95
580-88963-11	MW-55_20190904	109	102	92	102	97
580-88963-12	MW-56_20190904	113	103	89	113	97
580-88963-12 - DL	MW-56_20190904	107	103	92	104	96
580-88963-13	MW-57_20190904	109	102	89	105	96
580-88963-13 - RA	MW-57_20190904	104	103	88	102	92
580-88963-14	MW-58_20190904	110	102	90	105	97
580-88963-15	MW-59_20190904	109	103	93	103	99
580-88963-16	MW-60_20190904	108	101	88	105	95
580-88963-17	MW-61_20190904	104	102	92	100	93
580-88963-18	MW-62_20190904	104	105	89	99	94
580-88963-19	MW-63_20190904	105	101	92	99	95
580-88963-20	MW-64_20190904	108	102	90	104	98
580-88963-21	MW-66_20190904	108	104	88	104	95
580-88963-21 - DL	MW-66_20190904	106	103	89	100	92
580-88963-22	MW-67_20190904	108	103	89	108	94
580-88963-22 - DL	MW-67_20190904	106	101	88	104	94
580-88963-23	MW-70_20190904	104	103	92	101	92
580-88963-24	MW-71_20190904	107	102	88	102	96
580-88963-25	AG-WELL_20190904	107	103	89	100	93
580-88963-26	Trip Blank-1_	104	102	92	101	97
580-88963-27	Trip Blank-2_	104	101	89	98	94
580-88963-28	Trip Blank-3_	104	101	91	98	97
580-88963-29	Dup-1_20190904	113	100	86	105	95
580-88963-29 - DL	Dup-1_20190904	107	103	89	102	93
580-88963-30	Dup-2_20190904	109	103	88	105	93
580-88963-30 - DL	Dup-2_20190904	107	103	88	105	95
LCS 580-310635/4	Lab Control Sample	106	102	88	105	96
LCS 580-310693/4	Lab Control Sample	107	103	87	102	97
LCS 580-310811/4	Lab Control Sample	108	101	90	104	97

Eurofins TestAmerica, Seattle

Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-88963-1

Project/Site: BP - OPLC - Allen Station

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)				
		TFT (80-120)	TOL (80-120)	DCA (80-126)	BFB (80-120)	DBFM (80-120)
LCS 580-311005/4	Lab Control Sample	107	104	87	103	97
LCSD 580-310635/5	Lab Control Sample Dup	104	103	86	102	97
LCSD 580-310693/5	Lab Control Sample Dup	107	102	89	103	97
LCSD 580-310811/5	Lab Control Sample Dup	107	106	88	108	98
LCSD 580-311005/5	Lab Control Sample Dup	106	103	89	103	95
MB 580-310635/7	Method Blank	103	101	91	99	95
MB 580-310693/7	Method Blank	106	102	91	100	95
MB 580-310811/7	Method Blank	106	101	92	100	96
MB 580-311005/7	Method Blank	105	98	94	106	97

Surrogate Legend

TFT = Trifluorotoluene (Surr)

TOL = Toluene-d8 (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (50-150)	TFT1 (50-150)
580-88963-1	MW-2_20190904	205 X	111
580-88963-1 MS	MW-2_20190904	201 X	100
580-88963-1 MSD	MW-2_20190904	195 X	123
580-88963-2	MW-19_20190904	243 X	127
580-88963-3	MW-20_20190904	99	120
580-88963-4	MW-21_20190904	285 X	120
580-88963-5	MW-35_20190904	96	116
580-88963-5 MS	MW-35_20190904	101	128
580-88963-5 MSD	MW-35_20190904	104	119
580-88963-6	MW-39_20190904	93	122
580-88963-7	MW-41_20190904	99	116
580-88963-8	MW-43_20190904	253 X	117
580-88963-9	MW-44_20190904	195 X	121
580-88963-10	MW-45_20190904	256 X	117
580-88963-11	MW-55_20190904	94	121
580-88963-12	MW-56_20190904	100	116
580-88963-13	MW-57_20190904	100	122
580-88963-14	MW-58_20190904	124	108
580-88963-15	MW-59_20190904	119	94
580-88963-16	MW-60_20190904	97	113
580-88963-17	MW-61_20190904	99	111
580-88963-18	MW-62_20190904	95	110
580-88963-19	MW-63_20190904	98	110
580-88963-20	MW-64_20190904	179 X	111
580-88963-21	MW-66_20190904	146	111
580-88963-22	MW-67_20190904	261 X	113
580-88963-23	MW-70_20190904	99	114
580-88963-24	MW-71_20190904	93	96

Eurofins TestAmerica, Seattle

Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-88963-1

Project/Site: BP - OPLC - Allen Station

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (50-150)	TFT1 (50-150)
580-88963-25	AG-WELL_20190904	95	109
580-88963-26	Trip Blank-1_	95	93
580-88963-27	Trip Blank-2_	94	112
580-88963-28	Trip Blank-3_	97	109
580-88963-29	Dup-1_20190904	287 X	115
580-88963-30	Dup-2_20190904	237 X	123
LCS 580-310723/10	Lab Control Sample	99	106
LCS 580-311072/10	Lab Control Sample	98	107
LCSD 580-310723/11	Lab Control Sample Dup	97	104
LCSD 580-311072/11	Lab Control Sample Dup	97	104
MB 580-310723/9	Method Blank	92	116
MB 580-311072/9	Method Blank	98	126

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

TFT = Trifluorotoluene (Surr)

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	OTPH (50-150)	
580-88963-1	MW-2_20190904	82	
580-88963-1 MS	MW-2_20190904	72	
580-88963-1 MSD	MW-2_20190904	80	
580-88963-2	MW-19_20190904	88	
580-88963-3	MW-20_20190904	96	
580-88963-4	MW-21_20190904	84	
580-88963-5	MW-35_20190904	86	
580-88963-5 MS	MW-35_20190904	73	
580-88963-5 MSD	MW-35_20190904	79	
580-88963-6	MW-39_20190904	75	
580-88963-7	MW-41_20190904	99	
580-88963-8	MW-43_20190904	86	
580-88963-9	MW-44_20190904	103	
580-88963-10	MW-45_20190904	97	
580-88963-11	MW-55_20190904	92	
580-88963-12	MW-56_20190904	63	
580-88963-13	MW-57_20190904	62	
580-88963-14	MW-58_20190904	73	
580-88963-15	MW-59_20190904	99	
580-88963-16	MW-60_20190904	61	
580-88963-17	MW-61_20190904	77	
580-88963-18	MW-62_20190904	69	
580-88963-19	MW-63_20190904	67	
580-88963-20	MW-64_20190904	81	
580-88963-21	MW-66_20190904	87	
580-88963-22	MW-67_20190904	60	
580-88963-23	MW-70_20190904	59	
580-88963-24	MW-71_20190904	84	

Eurofins TestAmerica, Seattle

Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-88963-1

Project/Site: BP - OPLC - Allen Station

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTPH (50-150)
580-88963-25	AG-WELL_20190904	64
580-88963-29	Dup-1_20190904	86
580-88963-30	Dup-2_20190904	63
LCS 580-310849/2-A	Lab Control Sample	79
LCS 580-310967/2-A	Lab Control Sample	86
LCSD 580-310849/3-A	Lab Control Sample Dup	84
LCSD 580-310967/3-A	Lab Control Sample Dup	79
MB 580-310849/1-A	Method Blank	92
MB 580-310967/1-A	Method Blank	96

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-310635/7

Matrix: Water

Analysis Batch: 310635

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/09/19 21:52	1
Toluene	ND		2.0		ug/L			09/09/19 21:52	1
Ethylbenzene	ND		3.0		ug/L			09/09/19 21:52	1
Xylenes, Total	ND		3.0		ug/L			09/09/19 21:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		09/09/19 21:52	1
Toluene-d8 (Surr)	101		80 - 120		09/09/19 21:52	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 126		09/09/19 21:52	1
4-Bromofluorobenzene (Surr)	99		80 - 120		09/09/19 21:52	1
Dibromofluoromethane (Surr)	95		80 - 120		09/09/19 21:52	1

Lab Sample ID: LCS 580-310635/4

Matrix: Water

Analysis Batch: 310635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	8.81		ug/L		88	75 - 121
Toluene	10.0	8.39		ug/L		84	80 - 120
Ethylbenzene	10.0	8.75		ug/L		88	80 - 120
m-Xylene & p-Xylene	10.0	8.59		ug/L		86	80 - 120
o-Xylene	10.0	9.77		ug/L		98	80 - 120
Xylenes, Total	20.0	18.4		ug/L		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	106		80 - 120
Toluene-d8 (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	88		80 - 126
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120

Lab Sample ID: LCSD 580-310635/5

Matrix: Water

Analysis Batch: 310635

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	8.79		ug/L		88	75 - 121	0	14
Toluene	10.0	8.32		ug/L		83	80 - 120	1	19
Ethylbenzene	10.0	8.66		ug/L		87	80 - 120	1	14
m-Xylene & p-Xylene	10.0	8.49		ug/L		85	80 - 120	1	14
o-Xylene	10.0	9.59		ug/L		96	80 - 120	2	16
Xylenes, Total	20.0	18.1		ug/L		90	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	104		80 - 120
Toluene-d8 (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	86		80 - 126

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-310635/5

Matrix: Water

Analysis Batch: 310635

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120

Lab Sample ID: 580-88963-1 MS

Matrix: Water

Analysis Batch: 310635

Client Sample ID: MW-2_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	88	F2	10.0	73.2	4	ug/L		-150	75 - 121
Toluene	4.3	F1	10.0	7.79	F1	ug/L		35	80 - 120
Ethylbenzene	37	F2 F1	10.0	25.2	F1	ug/L		-121	80 - 120
m-Xylene & p-Xylene	13	F2 F1	10.0	11.9	F1	ug/L		-9	80 - 120
o-Xylene	ND	F2 F1	10.0	5.82	F1	ug/L		53	80 - 120
Xylenes, Total	13	F2 F1	20.0	17.7	F1	ug/L		24	80 - 120

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	105		80 - 120
Toluene-d8 (Surr)	104		80 - 120
1,2-Dichloroethane-d4 (Surr)	88		80 - 126
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120

Lab Sample ID: 580-88963-1 MSD

Matrix: Water

Analysis Batch: 310635

Client Sample ID: MW-2_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	88	F2	10.0	93.3	4 F2	ug/L		50	75 - 121	24	14
Toluene	4.3	F1	10.0	8.15	F1	ug/L		38	80 - 120	5	19
Ethylbenzene	37	F2 F1	10.0	40.5	F2 F1	ug/L		33	80 - 120	47	14
m-Xylene & p-Xylene	13	F2 F1	10.0	16.8	F2 F1	ug/L		39	80 - 120	34	14
o-Xylene	ND	F2 F1	10.0	4.93	F2 F1	ug/L		44	80 - 120	17	16
Xylenes, Total	13	F2 F1	20.0	21.7	F2 F1	ug/L		44	80 - 120	20	16

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	107		80 - 120
Toluene-d8 (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	87		80 - 126
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120

Lab Sample ID: MB 580-310693/7

Matrix: Water

Analysis Batch: 310693

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/10/19 12:20	1
Toluene	ND		2.0		ug/L			09/10/19 12:20	1

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-310693/7

Matrix: Water

Analysis Batch: 310693

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		3.0		ug/L			09/10/19 12:20	1
Xylenes, Total	ND		3.0		ug/L			09/10/19 12:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120					09/10/19 12:20	1
Toluene-d8 (Surr)	102		80 - 120					09/10/19 12:20	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 126					09/10/19 12:20	1
4-Bromofluorobenzene (Surr)	100		80 - 120					09/10/19 12:20	1
Dibromofluoromethane (Surr)	95		80 - 120					09/10/19 12:20	1

Lab Sample ID: LCS 580-310693/4

Matrix: Water

Analysis Batch: 310693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	8.87		ug/L		89	75 - 121
Toluene	10.0	8.75		ug/L		88	80 - 120
Ethylbenzene	10.0	9.26		ug/L		93	80 - 120
m-Xylene & p-Xylene	10.0	9.01		ug/L		90	80 - 120
o-Xylene	10.0	10.3		ug/L		103	80 - 120
Xylenes, Total	20.0	19.3		ug/L		97	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Trifluorotoluene (Surr)	107		80 - 120				
Toluene-d8 (Surr)	103		80 - 120				
1,2-Dichloroethane-d4 (Surr)	87		80 - 126				
4-Bromofluorobenzene (Surr)	102		80 - 120				
Dibromofluoromethane (Surr)	97		80 - 120				

Lab Sample ID: LCSD 580-310693/5

Matrix: Water

Analysis Batch: 310693

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	8.67		ug/L		87	75 - 121	2	14
Toluene	10.0	8.58		ug/L		86	80 - 120	2	19
Ethylbenzene	10.0	9.35		ug/L		94	80 - 120	1	14
m-Xylene & p-Xylene	10.0	8.92		ug/L		89	80 - 120	1	14
o-Xylene	10.0	10.2		ug/L		102	80 - 120	1	16
Xylenes, Total	20.0	19.1		ug/L		96	80 - 120	1	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	107		80 - 120						
Toluene-d8 (Surr)	102		80 - 120						
1,2-Dichloroethane-d4 (Surr)	89		80 - 126						
4-Bromofluorobenzene (Surr)	103		80 - 120						
Dibromofluoromethane (Surr)	97		80 - 120						

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-310811/7

Matrix: Water

Analysis Batch: 310811

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/11/19 11:50	1
Toluene	ND		2.0		ug/L			09/11/19 11:50	1
Ethylbenzene	ND		3.0		ug/L			09/11/19 11:50	1
Xylenes, Total	ND		3.0		ug/L			09/11/19 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120		09/11/19 11:50	1
Toluene-d8 (Surr)	101		80 - 120		09/11/19 11:50	1
1,2-Dichloroethane-d4 (Surr)	92		80 - 126		09/11/19 11:50	1
4-Bromofluorobenzene (Surr)	100		80 - 120		09/11/19 11:50	1
Dibromofluoromethane (Surr)	96		80 - 120		09/11/19 11:50	1

Lab Sample ID: LCS 580-310811/4

Matrix: Water

Analysis Batch: 310811

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	8.66		ug/L		87	75 - 121
Toluene	10.0	8.40		ug/L		84	80 - 120
Ethylbenzene	10.0	9.04		ug/L		90	80 - 120
m-Xylene & p-Xylene	10.0	8.94		ug/L		89	80 - 120
o-Xylene	10.0	10.0		ug/L		100	80 - 120
Xylenes, Total	20.0	18.9		ug/L		95	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	108		80 - 120
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	90		80 - 126
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120

Lab Sample ID: LCSD 580-310811/5

Matrix: Water

Analysis Batch: 310811

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.08		ug/L		91	75 - 121	5	14
Toluene	10.0	9.07		ug/L		91	80 - 120	8	19
Ethylbenzene	10.0	9.78		ug/L		98	80 - 120	8	14
m-Xylene & p-Xylene	10.0	9.71		ug/L		97	80 - 120	8	14
o-Xylene	10.0	10.8		ug/L		108	80 - 120	8	16
Xylenes, Total	20.0	20.5		ug/L		103	80 - 120	8	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	107		80 - 120
Toluene-d8 (Surr)	106		80 - 120
1,2-Dichloroethane-d4 (Surr)	88		80 - 126

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-310811/5

Matrix: Water

Analysis Batch: 310811

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120

Lab Sample ID: 580-88963-5 MS

Matrix: Water

Analysis Batch: 310811

Client Sample ID: MW-35_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	11000		1000	11600	4	ug/L		69	75 - 121
Toluene	280		1000	1180		ug/L		91	80 - 120
Ethylbenzene	2600	F1	1000	3710		ug/L		108	80 - 120
m-Xylene & p-Xylene	8000		1000	8940	4	ug/L		96	80 - 120
o-Xylene	2000	F1	1000	3040		ug/L		104	80 - 120
Xylenes, Total	10000		2000	12000	4	ug/L		99	80 - 120

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	108		80 - 120
Toluene-d8 (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	87		80 - 126
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120

Lab Sample ID: 580-88963-5 MSD

Matrix: Water

Analysis Batch: 310811

Client Sample ID: MW-35_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	11000		1000	12400	4	ug/L		154	75 - 121	7	14
Toluene	280		1000	1280		ug/L		101	80 - 120	8	19
Ethylbenzene	2600	F1	1000	4060	F1	ug/L		143	80 - 120	9	14
m-Xylene & p-Xylene	8000		1000	9800	4	ug/L		182	80 - 120	9	14
o-Xylene	2000	F1	1000	3320	F1	ug/L		132	80 - 120	9	16
Xylenes, Total	10000		2000	13100	4	ug/L		156	80 - 120	9	16

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	107		80 - 120
Toluene-d8 (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	87		80 - 126
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120

Lab Sample ID: MB 580-311005/7

Matrix: Water

Analysis Batch: 311005

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			09/12/19 16:15	1
Toluene	ND		2.0		ug/L			09/12/19 16:15	1

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-311005/7

Matrix: Water

Analysis Batch: 311005

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		3.0		ug/L			09/12/19 16:15	1
Xylenes, Total	ND		3.0		ug/L			09/12/19 16:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120					09/12/19 16:15	1
Toluene-d8 (Surr)	98		80 - 120					09/12/19 16:15	1
1,2-Dichloroethane-d4 (Surr)	94		80 - 126					09/12/19 16:15	1
4-Bromofluorobenzene (Surr)	106		80 - 120					09/12/19 16:15	1
Dibromofluoromethane (Surr)	97		80 - 120					09/12/19 16:15	1

Lab Sample ID: LCS 580-311005/4

Matrix: Water

Analysis Batch: 311005

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	8.73		ug/L		87	75 - 121
Toluene	10.0	8.68		ug/L		87	80 - 120
Ethylbenzene	10.0	9.25		ug/L		92	80 - 120
m-Xylene & p-Xylene	10.0	8.94		ug/L		89	80 - 120
o-Xylene	10.0	10.1		ug/L		101	80 - 120
Xylenes, Total	20.0	19.0		ug/L		95	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Trifluorotoluene (Surr)	107		80 - 120				
Toluene-d8 (Surr)	104		80 - 120				
1,2-Dichloroethane-d4 (Surr)	87		80 - 126				
4-Bromofluorobenzene (Surr)	103		80 - 120				
Dibromofluoromethane (Surr)	97		80 - 120				

Lab Sample ID: LCSD 580-311005/5

Matrix: Water

Analysis Batch: 311005

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	8.53		ug/L		85	75 - 121	2	14
Toluene	10.0	8.52		ug/L		85	80 - 120	2	19
Ethylbenzene	10.0	8.99		ug/L		90	80 - 120	3	14
m-Xylene & p-Xylene	10.0	8.70		ug/L		87	80 - 120	3	14
o-Xylene	10.0	9.73		ug/L		97	80 - 120	4	16
Xylenes, Total	20.0	18.4		ug/L		92	80 - 120	3	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	106		80 - 120						
Toluene-d8 (Surr)	103		80 - 120						
1,2-Dichloroethane-d4 (Surr)	89		80 - 126						
4-Bromofluorobenzene (Surr)	103		80 - 120						
Dibromofluoromethane (Surr)	95		80 - 120						

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-310723/9

Matrix: Water

Analysis Batch: 310723

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/10/19 17:01	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150					09/10/19 17:01	1
Trifluorotoluene (Surr)	116		50 - 150					09/10/19 17:01	1

Lab Sample ID: LCS 580-310723/10

Matrix: Water

Analysis Batch: 310723

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	925		ug/L		92	79 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	99		50 - 150				
Trifluorotoluene (Surr)	106		50 - 150				

Lab Sample ID: LCSD 580-310723/11

Matrix: Water

Analysis Batch: 310723

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	909		ug/L		91	79 - 120	2	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97		50 - 150						
Trifluorotoluene (Surr)	104		50 - 150						

Lab Sample ID: MB 580-311072/9

Matrix: Water

Analysis Batch: 311072

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			09/12/19 17:36	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150					09/12/19 17:36	1
Trifluorotoluene (Surr)	126		50 - 150					09/12/19 17:36	1

Lab Sample ID: LCS 580-311072/10

Matrix: Water

Analysis Batch: 311072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	897		ug/L		90	79 - 120

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCS 580-311072/10

Matrix: Water

Analysis Batch: 311072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		50 - 150
Trifluorotoluene (Surr)	107		50 - 150

Lab Sample ID: LCSD 580-311072/11

Matrix: Water

Analysis Batch: 311072

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	891		ug/L		89	79 - 120	1	10

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		50 - 150
Trifluorotoluene (Surr)	104		50 - 150

Lab Sample ID: 580-88963-1 MS

Matrix: Water

Analysis Batch: 311072

Client Sample ID: MW-2_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1500	F1 F2	1000	1600	F1	ug/L		12	79 - 120		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	201	X	50 - 150
Trifluorotoluene (Surr)	100		50 - 150

Lab Sample ID: 580-88963-1 MSD

Matrix: Water

Analysis Batch: 311072

Client Sample ID: MW-2_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1500	F1 F2	1000	2270	F1 F2	ug/L		78	79 - 120	34	10

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	195	X	50 - 150
Trifluorotoluene (Surr)	123		50 - 150

Lab Sample ID: 580-88963-5 MS

Matrix: Water

Analysis Batch: 311072

Client Sample ID: MW-35_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	22000	F1 F2	20000	41100		ug/L		98	79 - 120		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		50 - 150
Trifluorotoluene (Surr)	128		50 - 150

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 580-88963-5 MSD

Matrix: Water

Analysis Batch: 311072

Client Sample ID: MW-35_20190904

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	22000	F1 F2	20000	36900	F1 F2	ug/L	—	77	79 - 120	11	10
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		50 - 150								
Trifluorotoluene (Surr)	119		50 - 150								

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-310849/1-A

Matrix: Water

Analysis Batch: 310978

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L	—	09/11/19 12:50	09/12/19 22:04	1
Motor Oil (>C24-C36)	ND		350		ug/L	—	09/11/19 12:50	09/12/19 22:04	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150				09/11/19 12:50	09/12/19 22:04	1

Lab Sample ID: LCS 580-310849/2-A

Matrix: Water

Analysis Batch: 310978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2000	1500		ug/L	—	75	50 - 120		
Motor Oil (>C24-C36)	2000	1870		ug/L	—	94	64 - 120		
Surrogate	%Recovery	LCS Qualifier	Limits						
o-Terphenyl	79		50 - 150						

Lab Sample ID: LCSD 580-310849/3-A

Matrix: Water

Analysis Batch: 310978

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 310849

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2000	1660		ug/L	—	83	50 - 120	10	26
Motor Oil (>C24-C36)	2000	2220		ug/L	—	111	64 - 120	17	24
Surrogate	%Recovery	LCSD Qualifier	Limits						
o-Terphenyl	84		50 - 150						

Lab Sample ID: 580-88963-1 MS

Matrix: Water

Analysis Batch: 310978

Client Sample ID: MW-2_20190904

Prep Type: Total/NA

Prep Batch: 310849

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	3800	F1	2040	5360		ug/L	—	78	50 - 120		
Motor Oil (>C24-C36)	820		2040	2810		ug/L	—	98	64 - 120		

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	72		50 - 150

Lab Sample ID: 580-88963-1 MSD

Matrix: Water

Analysis Batch: 310978

Client Sample ID: MW-2_20190904

Prep Type: Total/NA

Prep Batch: 310849

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	3800	F1	2000	6520	F1	ug/L		138	50 - 120	19	26
Motor Oil (>C24-C36)	820		2000	3200		ug/L		119	64 - 120	13	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	80		50 - 150

Lab Sample ID: MB 580-310967/1-A

Matrix: Water

Analysis Batch: 311222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 310967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		09/12/19 10:09	09/15/19 11:35	1
Motor Oil (>C24-C36)	ND		350		ug/L		09/12/19 10:09	09/15/19 11:35	1

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	96		50 - 150

Prepared 09/12/19 10:09
Analyzed 09/15/19 11:35
Dil Fac 1

Lab Sample ID: LCS 580-310967/2-A

Matrix: Water

Analysis Batch: 311222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 310967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2000	1560		ug/L		78	50 - 120
Motor Oil (>C24-C36)	2000	2180		ug/L		109	64 - 120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	86		50 - 150

Lab Sample ID: LCSD 580-310967/3-A

Matrix: Water

Analysis Batch: 311222

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 310967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1530		ug/L		77	50 - 120	2	26
Motor Oil (>C24-C36)	2000	2160		ug/L		108	64 - 120	1	24

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	79		50 - 150

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 580-88963-5 MS

Matrix: Water

Analysis Batch: 311222

Client Sample ID: MW-35_20190904

Prep Type: Total/NA

Prep Batch: 310967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	4600	F1	2050	5380	F1	ug/L		38	50 - 120
Motor Oil (>C24-C36)	ND		2050	2380		ug/L		100	64 - 120
Surrogate	%Recovery	MS Qualifier	MS Limits						
<i>o</i> -Terphenyl	73		50 - 150						

Lab Sample ID: 580-88963-5 MSD

Matrix: Water

Analysis Batch: 311222

Client Sample ID: MW-35_20190904

Prep Type: Total/NA

Prep Batch: 310967

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	4600	F1	2020	5870		ug/L		62	50 - 120	9	26
Motor Oil (>C24-C36)	ND		2020	2390		ug/L		101	64 - 120	0	24
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
<i>o</i> -Terphenyl	79		50 - 150								

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

GC/MS VOA

Analysis Batch: 310635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-1	MW-2_20190904	Total/NA	Water	8260C	
580-88963-4	MW-21_20190904	Total/NA	Water	8260C	
580-88963-7	MW-41_20190904	Total/NA	Water	8260C	
580-88963-8	MW-43_20190904	Total/NA	Water	8260C	
580-88963-9	MW-44_20190904	Total/NA	Water	8260C	
580-88963-20	MW-64_20190904	Total/NA	Water	8260C	
580-88963-21	MW-66_20190904	Total/NA	Water	8260C	
580-88963-24	MW-71_20190904	Total/NA	Water	8260C	
580-88963-29	Dup-1_20190904	Total/NA	Water	8260C	
MB 580-310635/7	Method Blank	Total/NA	Water	8260C	
LCS 580-310635/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-310635/5	Lab Control Sample Dup	Total/NA	Water	8260C	
580-88963-1 MS	MW-2_20190904	Total/NA	Water	8260C	
580-88963-1 MSD	MW-2_20190904	Total/NA	Water	8260C	

Analysis Batch: 310693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-2	MW-19_20190904	Total/NA	Water	8260C	
580-88963-3	MW-20_20190904	Total/NA	Water	8260C	
580-88963-6	MW-39_20190904	Total/NA	Water	8260C	
580-88963-10	MW-45_20190904	Total/NA	Water	8260C	
580-88963-11	MW-55_20190904	Total/NA	Water	8260C	
580-88963-12	MW-56_20190904	Total/NA	Water	8260C	
580-88963-13	MW-57_20190904	Total/NA	Water	8260C	
580-88963-14	MW-58_20190904	Total/NA	Water	8260C	
580-88963-15	MW-59_20190904	Total/NA	Water	8260C	
580-88963-16	MW-60_20190904	Total/NA	Water	8260C	
580-88963-26	Trip Blank-1_	Total/NA	Water	8260C	
580-88963-27	Trip Blank-2_	Total/NA	Water	8260C	
580-88963-28	Trip Blank-3_	Total/NA	Water	8260C	
MB 580-310693/7	Method Blank	Total/NA	Water	8260C	
LCS 580-310693/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-310693/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 310811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-2 - DL	MW-19_20190904	Total/NA	Water	8260C	
580-88963-4 - DL	MW-21_20190904	Total/NA	Water	8260C	
580-88963-5	MW-35_20190904	Total/NA	Water	8260C	
580-88963-6 - RA	MW-39_20190904	Total/NA	Water	8260C	
580-88963-8 - DL	MW-43_20190904	Total/NA	Water	8260C	
580-88963-9 - DL	MW-44_20190904	Total/NA	Water	8260C	
580-88963-10 - DL	MW-45_20190904	Total/NA	Water	8260C	
580-88963-12 - DL	MW-56_20190904	Total/NA	Water	8260C	
580-88963-13 - RA	MW-57_20190904	Total/NA	Water	8260C	
580-88963-17	MW-61_20190904	Total/NA	Water	8260C	
580-88963-18	MW-62_20190904	Total/NA	Water	8260C	
580-88963-19	MW-63_20190904	Total/NA	Water	8260C	
580-88963-21 - DL	MW-66_20190904	Total/NA	Water	8260C	
580-88963-22	MW-67_20190904	Total/NA	Water	8260C	
580-88963-23	MW-70_20190904	Total/NA	Water	8260C	

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

GC/MS VOA (Continued)

Analysis Batch: 310811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-25	AG-WELL_20190904	Total/NA	Water	8260C	
580-88963-29 - DL	Dup-1_20190904	Total/NA	Water	8260C	
580-88963-30	Dup-2_20190904	Total/NA	Water	8260C	
MB 580-310811/7	Method Blank	Total/NA	Water	8260C	
LCS 580-310811/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-310811/5	Lab Control Sample Dup	Total/NA	Water	8260C	
580-88963-5 MS	MW-35_20190904	Total/NA	Water	8260C	
580-88963-5 MSD	MW-35_20190904	Total/NA	Water	8260C	

Analysis Batch: 311005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-22 - DL	MW-67_20190904	Total/NA	Water	8260C	
580-88963-30 - DL	Dup-2_20190904	Total/NA	Water	8260C	
MB 580-311005/7	Method Blank	Total/NA	Water	8260C	
LCS 580-311005/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-311005/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 310723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-14	MW-58_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-15	MW-59_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-16	MW-60_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-17	MW-61_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-18	MW-62_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-19	MW-63_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-20	MW-64_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-21	MW-66_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-22	MW-67_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-23	MW-70_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-24	MW-71_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-25	AG-WELL_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-26	Trip Blank-1_	Total/NA	Water	NWTPH-Gx	
580-88963-27	Trip Blank-2_	Total/NA	Water	NWTPH-Gx	
580-88963-28	Trip Blank-3_	Total/NA	Water	NWTPH-Gx	
580-88963-29	Dup-1_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-30	Dup-2_20190904	Total/NA	Water	NWTPH-Gx	
MB 580-310723/9	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-310723/10	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-310723/11	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 311072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-1	MW-2_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-2	MW-19_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-3	MW-20_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-4	MW-21_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-5	MW-35_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-6	MW-39_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-7	MW-41_20190904	Total/NA	Water	NWTPH-Gx	

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

GC VOA (Continued)

Analysis Batch: 311072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-8	MW-43_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-9	MW-44_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-10	MW-45_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-11	MW-55_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-12	MW-56_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-13	MW-57_20190904	Total/NA	Water	NWTPH-Gx	
MB 580-311072/9	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-311072/10	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-311072/11	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-88963-1 MS	MW-2_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-1 MSD	MW-2_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-5 MS	MW-35_20190904	Total/NA	Water	NWTPH-Gx	
580-88963-5 MSD	MW-35_20190904	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 310849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-1	MW-2_20190904	Total/NA	Water	3510C	
580-88963-2	MW-19_20190904	Total/NA	Water	3510C	
580-88963-4	MW-21_20190904	Total/NA	Water	3510C	
580-88963-7	MW-41_20190904	Total/NA	Water	3510C	
580-88963-8	MW-43_20190904	Total/NA	Water	3510C	
580-88963-9	MW-44_20190904	Total/NA	Water	3510C	
580-88963-20	MW-64_20190904	Total/NA	Water	3510C	
580-88963-21	MW-66_20190904	Total/NA	Water	3510C	
580-88963-24	MW-71_20190904	Total/NA	Water	3510C	
580-88963-29	Dup-1_20190904	Total/NA	Water	3510C	
MB 580-310849/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-310849/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-310849/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-88963-1 MS	MW-2_20190904	Total/NA	Water	3510C	
580-88963-1 MSD	MW-2_20190904	Total/NA	Water	3510C	

Prep Batch: 310967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-3	MW-20_20190904	Total/NA	Water	3510C	
580-88963-5	MW-35_20190904	Total/NA	Water	3510C	
580-88963-6	MW-39_20190904	Total/NA	Water	3510C	
580-88963-10	MW-45_20190904	Total/NA	Water	3510C	
580-88963-11	MW-55_20190904	Total/NA	Water	3510C	
580-88963-12	MW-56_20190904	Total/NA	Water	3510C	
580-88963-13	MW-57_20190904	Total/NA	Water	3510C	
580-88963-14	MW-58_20190904	Total/NA	Water	3510C	
580-88963-15	MW-59_20190904	Total/NA	Water	3510C	
580-88963-16	MW-60_20190904	Total/NA	Water	3510C	
580-88963-17	MW-61_20190904	Total/NA	Water	3510C	
580-88963-18	MW-62_20190904	Total/NA	Water	3510C	
580-88963-19	MW-63_20190904	Total/NA	Water	3510C	
580-88963-22	MW-67_20190904	Total/NA	Water	3510C	
580-88963-23	MW-70_20190904	Total/NA	Water	3510C	

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

GC Semi VOA (Continued)

Prep Batch: 310967 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-25	AG-WELL_20190904	Total/NA	Water	3510C	
580-88963-30	Dup-2_20190904	Total/NA	Water	3510C	
MB 580-310967/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-310967/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-310967/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-88963-5 MS	MW-35_20190904	Total/NA	Water	3510C	
580-88963-5 MSD	MW-35_20190904	Total/NA	Water	3510C	

Analysis Batch: 310978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-1	MW-2_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-2	MW-19_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-4	MW-21_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-7	MW-41_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-8	MW-43_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-9	MW-44_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-20	MW-64_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-21	MW-66_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-24	MW-71_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-29	Dup-1_20190904	Total/NA	Water	NWTPH-Dx	310849
MB 580-310849/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	310849
LCS 580-310849/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	310849
LCSD 580-310849/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	310849
580-88963-1 MS	MW-2_20190904	Total/NA	Water	NWTPH-Dx	310849
580-88963-1 MSD	MW-2_20190904	Total/NA	Water	NWTPH-Dx	310849

Analysis Batch: 311215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-12	MW-56_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-13	MW-57_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-14	MW-58_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-15	MW-59_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-16	MW-60_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-17	MW-61_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-18	MW-62_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-19	MW-63_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-22	MW-67_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-23	MW-70_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-25	AG-WELL_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-30	Dup-2_20190904	Total/NA	Water	NWTPH-Dx	310967

Analysis Batch: 311222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-3	MW-20_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-5	MW-35_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-6	MW-39_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-10	MW-45_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-11	MW-55_20190904	Total/NA	Water	NWTPH-Dx	310967
MB 580-310967/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	310967
LCS 580-310967/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	310967
LCSD 580-310967/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	310967

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

GC Semi VOA (Continued)

Analysis Batch: 311222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-88963-5 MS	MW-35_20190904	Total/NA	Water	NWTPH-Dx	310967
580-88963-5 MSD	MW-35_20190904	Total/NA	Water	NWTPH-Dx	310967

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-2_20190904

Lab Sample ID: 580-88963-1

Date Collected: 09/03/19 15:05

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/09/19 23:06	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 21:37	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 00:45	ERZ	TAL SEA

Client Sample ID: MW-19_20190904

Lab Sample ID: 580-88963-2

Date Collected: 09/04/19 09:00

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 14:15	W1T	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 18:53	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/13/19 00:38	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 01:46	ERZ	TAL SEA

Client Sample ID: MW-20_20190904

Lab Sample ID: 580-88963-3

Date Collected: 09/04/19 09:40

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 14:39	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 20:37	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311222	09/15/19 12:36	CJ	TAL SEA

Client Sample ID: MW-21_20190904

Lab Sample ID: 580-88963-4

Date Collected: 09/03/19 15:55

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 00:21	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 16:50	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/13/19 01:08	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 02:06	ERZ	TAL SEA

Client Sample ID: MW-35_20190904

Lab Sample ID: 580-88963-5

Date Collected: 09/04/19 09:05

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	310811	09/11/19 20:07	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		20	311072	09/13/19 02:38	DCV	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-35_20190904

Lab Sample ID: 580-88963-5

Date Collected: 09/04/19 09:05

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311222	09/15/19 12:56	CJ	TAL SEA

Client Sample ID: MW-39_20190904

Lab Sample ID: 580-88963-6

Date Collected: 09/04/19 09:45

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 16:19	W1T	TAL SEA
Total/NA	Analysis	8260C	RA	1	310811	09/11/19 13:32	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 19:37	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311222	09/15/19 13:56	CJ	TAL SEA

Client Sample ID: MW-41_20190904

Lab Sample ID: 580-88963-7

Date Collected: 09/03/19 12:35

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 00:45	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 19:06	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 02:26	ERZ	TAL SEA

Client Sample ID: MW-43_20190904

Lab Sample ID: 580-88963-8

Date Collected: 09/03/19 11:57

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 01:10	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 17:14	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/13/19 01:38	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 02:46	ERZ	TAL SEA

Client Sample ID: MW-44_20190904

Lab Sample ID: 580-88963-9

Date Collected: 09/03/19 10:00

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 01:35	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 17:39	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 23:37	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 03:26	ERZ	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-45_20190904

Lab Sample ID: 580-88963-10

Date Collected: 09/04/19 09:20

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 17:54	W1T	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 19:18	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/13/19 00:08	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311222	09/15/19 14:16	CJ	TAL SEA

Client Sample ID: MW-55_20190904

Lab Sample ID: 580-88963-11

Date Collected: 09/04/19 12:00

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 18:19	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 20:07	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311222	09/15/19 14:37	CJ	TAL SEA

Client Sample ID: MW-56_20190904

Lab Sample ID: 580-88963-12

Date Collected: 09/04/19 11:50

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 18:44	W1T	TAL SEA
Total/NA	Analysis	8260C	DL	100	310811	09/11/19 19:43	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		20	311072	09/13/19 02:08	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 01:42	TL1	TAL SEA

Client Sample ID: MW-57_20190904

Lab Sample ID: 580-88963-13

Date Collected: 09/04/19 11:30

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 19:08	W1T	TAL SEA
Total/NA	Analysis	8260C	RA	1	310811	09/11/19 13:07	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	311072	09/12/19 21:07	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 02:04	TL1	TAL SEA

Client Sample ID: MW-58_20190904

Lab Sample ID: 580-88963-14

Date Collected: 09/04/19 11:10

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 19:33	W1T	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-58_20190904

Lab Sample ID: 580-88963-14

Date Collected: 09/04/19 11:10

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 21:32	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 02:26	TL1	TAL SEA

Client Sample ID: MW-59_20190904

Lab Sample ID: 580-88963-15

Date Collected: 09/04/19 11:45

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 19:58	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 22:02	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 02:48	TL1	TAL SEA

Client Sample ID: MW-60_20190904

Lab Sample ID: 580-88963-16

Date Collected: 09/04/19 11:05

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 20:23	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 22:32	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 03:11	TL1	TAL SEA

Client Sample ID: MW-61_20190904

Lab Sample ID: 580-88963-17

Date Collected: 09/04/19 12:35

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 13:57	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 23:03	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 03:33	TL1	TAL SEA

Client Sample ID: MW-62_20190904

Lab Sample ID: 580-88963-18

Date Collected: 09/04/19 12:55

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 14:21	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 23:33	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 03:55	TL1	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-63_20190904

Lab Sample ID: 580-88963-19

Date Collected: 09/04/19 13:10

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 14:46	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/11/19 00:03	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 04:17	TL1	TAL SEA

Client Sample ID: MW-64_20190904

Lab Sample ID: 580-88963-20

Date Collected: 09/03/19 09:25

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 02:00	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/11/19 00:33	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 03:47	ERZ	TAL SEA

Client Sample ID: MW-66_20190904

Lab Sample ID: 580-88963-21

Date Collected: 09/03/19 16:50

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 02:25	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 18:04	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/11/19 01:03	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 04:07	ERZ	TAL SEA

Client Sample ID: MW-67_20190904

Lab Sample ID: 580-88963-22

Date Collected: 09/04/19 12:50

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 15:11	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	311005	09/12/19 23:39	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/11/19 01:33	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 04:39	TL1	TAL SEA

Client Sample ID: MW-70_20190904

Lab Sample ID: 580-88963-23

Date Collected: 09/04/19 12:10

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 15:35	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/11/19 02:03	DCV	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: MW-70_20190904

Lab Sample ID: 580-88963-23

Date Collected: 09/04/19 12:10

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 05:02	TL1	TAL SEA

Client Sample ID: MW-71_20190904

Lab Sample ID: 580-88963-24

Date Collected: 09/03/19 08:55

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 02:49	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 19:01	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 04:27	ERZ	TAL SEA

Client Sample ID: AG-WELL_20190904

Lab Sample ID: 580-88963-25

Date Collected: 09/04/19 12:40

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 16:00	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 19:31	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 05:46	TL1	TAL SEA

Client Sample ID: Trip Blank-1_

Lab Sample ID: 580-88963-26

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 13:00	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 17:31	DCV	TAL SEA

Client Sample ID: Trip Blank-2_

Lab Sample ID: 580-88963-27

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 13:25	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 18:01	DCV	TAL SEA

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-88963-28

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310693	09/10/19 13:50	W1T	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-88963-28

Date Collected: 09/04/19 00:01

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 18:31	DCV	TAL SEA

Client Sample ID: Dup-1_20190904

Lab Sample ID: 580-88963-29

Date Collected: 09/03/19 06:00

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310635	09/10/19 03:14	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	310811	09/11/19 18:29	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 20:02	DCV	TAL SEA
Total/NA	Prep	3510C			310849	09/11/19 12:50	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	310978	09/13/19 04:47	ERZ	TAL SEA

Client Sample ID: Dup-2_20190904

Lab Sample ID: 580-88963-30

Date Collected: 09/04/19 08:00

Matrix: Water

Date Received: 09/05/19 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	310811	09/11/19 16:25	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	311005	09/13/19 00:04	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	310723	09/10/19 20:32	DCV	TAL SEA
Total/NA	Prep	3510C			310967	09/12/19 10:09	PRO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	311215	09/15/19 06:08	TL1	TAL SEA

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Laboratory: Eurofins TestAmerica, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State Program	C553	02-17-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	TAL SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL SEA
5030B	Purge and Trap	SW846	TAL SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-88963-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-88963-1	MW-2_20190904	Water	09/03/19 15:05	09/05/19 11:25	
580-88963-2	MW-19_20190904	Water	09/04/19 09:00	09/05/19 11:25	
580-88963-3	MW-20_20190904	Water	09/04/19 09:40	09/05/19 11:25	
580-88963-4	MW-21_20190904	Water	09/03/19 15:55	09/05/19 11:25	
580-88963-5	MW-35_20190904	Water	09/04/19 09:05	09/05/19 11:25	
580-88963-6	MW-39_20190904	Water	09/04/19 09:45	09/05/19 11:25	
580-88963-7	MW-41_20190904	Water	09/03/19 12:35	09/05/19 11:25	
580-88963-8	MW-43_20190904	Water	09/03/19 11:57	09/05/19 11:25	
580-88963-9	MW-44_20190904	Water	09/03/19 10:00	09/05/19 11:25	
580-88963-10	MW-45_20190904	Water	09/04/19 09:20	09/05/19 11:25	
580-88963-11	MW-55_20190904	Water	09/04/19 12:00	09/05/19 11:25	
580-88963-12	MW-56_20190904	Water	09/04/19 11:50	09/05/19 11:25	
580-88963-13	MW-57_20190904	Water	09/04/19 11:30	09/05/19 11:25	
580-88963-14	MW-58_20190904	Water	09/04/19 11:10	09/05/19 11:25	
580-88963-15	MW-59_20190904	Water	09/04/19 11:45	09/05/19 11:25	
580-88963-16	MW-60_20190904	Water	09/04/19 11:05	09/05/19 11:25	
580-88963-17	MW-61_20190904	Water	09/04/19 12:35	09/05/19 11:25	
580-88963-18	MW-62_20190904	Water	09/04/19 12:55	09/05/19 11:25	
580-88963-19	MW-63_20190904	Water	09/04/19 13:10	09/05/19 11:25	
580-88963-20	MW-64_20190904	Water	09/03/19 09:25	09/05/19 11:25	
580-88963-21	MW-66_20190904	Water	09/03/19 16:50	09/05/19 11:25	
580-88963-22	MW-67_20190904	Water	09/04/19 12:50	09/05/19 11:25	
580-88963-23	MW-70_20190904	Water	09/04/19 12:10	09/05/19 11:25	
580-88963-24	MW-71_20190904	Water	09/03/19 08:55	09/05/19 11:25	
580-88963-25	AG-WELL_20190904	Water	09/04/19 12:40	09/05/19 11:25	
580-88963-26	Trip Blank-1_	Water	09/04/19 00:01	09/05/19 11:25	
580-88963-27	Trip Blank-2_	Water	09/04/19 00:01	09/05/19 11:25	
580-88963-28	Trip Blank-3_	Water	09/04/19 00:01	09/05/19 11:25	
580-88963-29	Dup-1_20190904	Water	09/03/19 06:00	09/05/19 11:25	
580-88963-30	Dup-2_20190904	Water	09/04/19 08:00	09/05/19 11:25	



Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path: Olympic Pipeline Company

Req Due Date (mm/dd/yy): Standard TAT

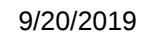
Page of
Rush TAT Yes No X

BP/RM Facility No: Allen Station

Lab Work Order Number:

Lab Name: Test America	BP/ARC Facility Address: 16292 Ovenell Road	Consultant/Contractor: Antea Group													
Lab Address: Tacoma, WA	City, State, ZIP Code: Mt. Vernon, Washington	Consultant/Contractor Project No: WAALLAA181.10123													
Lab PM: Elaine Walker	Lead Regulatory Agency: Washington Department of Ecology	Address: 4006 148th Ave NE, Redmond, WA 98052													
Lab Phone: 253.248.4972	California Global ID No.: NA	Consultant/Contractor PM: Megan Richard													
Lab Shipping Acct: NA	Enfos Proposal No: WR329532/00BHW-0012	Phone: 425-498-7711 Email: Megan.Richard@anteagroup.com													
Lab Bottle Order No: NA	Accounting Mode: Provision <u> X </u> OOC-BU <u> </u> OOC-RM <u> </u>	Send/Submit EDD to: Megan.Richard@anteagroup.com													
Other Info: elaine.walker@testamericainc.com	Stage <u> 1 </u> Appraise (10) Activity Interim Measures (123)	Invoice To: <u> </u> BP-RM <u> </u> BP/ARC <u> X </u>													
BP/RM PM: Wade Melton	Sample Details	Requested Analyses													
PM Phone: 360-594-7978		Report Type & QC Level													
PM Email: wade.melton@bp.com		Limited (Standard) Package <u> Y </u>													
		Limited Plus Package <u> </u>													
		Full Package <u> </u>													
Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Filt	Pres	Comments		
	MW-35_2019 0904	9-4-19	0905	W				G		X X X			MS/MSD		
	MW-39_2019 0904	9-4-19	0945	W				G		X X X					
	MW-41_2019 0904	9-3-19	1235	W				G		X X X					
	MW-43_2019 0904	9-3-19	1157	W				G		X X X					
	MW-44_2019 0904	9-3-19	1000	W				G		X X X					
	MW-45_2019 0904	9-4-19	0930	W				G		X X X					
	MW-64_2019			W				G		X X X			(BP)		
Sampler's Name: <u>BE/KY/JL</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time
Sampler's Company: Antea Group								9/5/19	1125	B. Hall SKA TA				9.5.19	1125
Ship Method: <u> </u> Ship Date: <u> </u>															
Shipment Tracking No: <u> </u>															
Special Instructions:															
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: <u> </u> °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No															

BP LaMP Soil/H2O COC July 2018





Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page ____ of ____

BP Site Node Path: Olympic Pipeline Company

Req Due Date (mm/dd/yy): Standard TAT

Rush TAT Yes ____ No X

BP/RM Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: Test America	BP/ARC Facility Address: 16292 Ovenell Road	Consultant/Contractor: Antea Group
Lab Address: Tacoma, WA	City, State, ZIP Code: Mt. Vernon, Washingto	Consultant/Contractor Project No: WAALLAA181.10123
Lab PM: Elaine Walker	Lead Regulatory Agency: Washington Department of Ecology	Address: 4006 148th Ave NE, Redmond, WA 98052
Lab Phone: 253.248.4972	California Global ID No.: NA	Consultant/Contractor PM: Megan Richard
Lab Shipping Acct: NA	Enfos Proposal No: WR329532/00BHW-0012	Phone: 425-498-7711 Email: Megan.Richard@anteagroup.com
Lab Bottle Order No: NA	Accounting Mode: Provision <u>X</u> OOC-BU ____ OOC-RM ____	Send/Submit EDD to: Megan.Richard@anteagroup.com
Other Info: elaine.walker@testamericainc.com	Stage 1 Appraise (10) Activity Interim Measures (123)	Invoice To: - BP-RM ____ BP/ARC <u>X</u>

BP/RM PM: Wade Melton				Sample Details		Requested Analyses												Report Type & QC Level	
PM Phone: 360-594-7978																		Limited (Standard) Package <u>Y</u>	
PM Email: wade.melton@bp.com																		Limited Plus Package ____	
																		Full Package ____	
Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	260BTEX	NWTPH-Ox	NWTPH-DX						Comments
	MW-62_2019 0904	9-4-19	1255	W				G			X	X	X						
	MW-63_2019 0904	9-4-19	1310	W				G			X	X	X						
	MW-64_2019 0904	9-3-19	0925	W				G			X	X	X						
	MW-66_2019 0904	9-3-19	1650	W				G			X	X	X						
	MW-67_2019 0904	9-4-19	1250	W				G			X	X	X						
	MW-68_2019			W				G			X	X	X						61
	MW-69_2019			W				G			X	X	X						60

Sampler's Name: <u>BK/KY/JL</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group		9/5/19	1125	B. Hall SEH TA	9.5.19	1125
Ship Method:	Ship Date:					
Shipment Tracking No:						

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP Soil/H2O COC July 2018

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page _____ of _____

BP Site Node Path: Olympic Pipeline Company

Req Due Date (mm/dd/yy): Standard TAT

Rush TAT Yes No X

BP/RM Facility No: Allen Station

Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Ovenell Road	Consultant/Contractor:	Antea Group
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon, Washingto	Consultant/Contractor Project No:	WAALLAA181.10123
Lab PM:	Elaine Walker	Lead Regulatory Agency:	Washington Department of Ecology	Address:	4006 148th Ave NE, Redmond, WA 98052
Lab Phone:	253.248.4972	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard
Lab Shipping Acct:	NA	Enfos Proposal No:	WR329532/00BHW-0012	Phone:	425-498-7711
Lab Bottle Order No:	NA	Accounting Mode:	Provision ☒ OOC-BU ☐ OOC-RM ☐	Email:	Megan.Richard@anteagroup.com
Other Info:	elaine.walker@testamericainc.com	Stage	1. Appraise (10)	Send/Submit EDD to:	Megan.Richard@anteagroup.com
		Activity	Interim Measures (123)	Invoice To:	- BP-RM BP/ARC ☒ X

[illegible]

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP Soil/H₂O CQC July 2018

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page _____ of _____

BP Site Node Path: Olympic Pipeline Company

Req Due Date (mm/dd/yy): Standard TAT

Rush TAT Yes No ☒

BP/RM Facility No: Allen Station

Lab Work Order Number: 60789

[illegible]

BP LaMP Soil/H2O COC July 2018

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-88963-1

Login Number: 88963

List Source: Eurofins TestAmerica, Seattle

List Number: 1

Creator: Vallelunga, Diana L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	False	Headspace larger than 1/4" in one or more vials, one vial with accpt. headspace
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310635 Batch Start Date: 09/09/19 19:48 Batch Analyst: Ruslander, Amanda PBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00010	VOAMasterMix 00042	
LCS 580-310635/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-310635/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-310635/7		8260C		5 mL	5 mL		2 uL		
580-88963-B-1	MW-2_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-1 MS	MW-2_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-88963-A-1 MSD	MW-2_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-88963-A-4	MW-21_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-7	MW-41_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-8	MW-43_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-9	MW-44_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-20	MW-64_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-21	MW-66_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-24	MW-71_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-29	Dup-1_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310693 Batch Start Date: 09/10/19 10:16 Batch Analyst: Thaneerat, Wijittra 1Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00010	VOAMasterMix 00042	
LCS 580-310693/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-310693/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-310693/7		8260C		5 mL	5 mL		2 uL		
580-88963-A-26	Trip Blank-1_	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-27	Trip Blank-2_	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-28	Trip Blank-3_	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-2	MW-19_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-3	MW-20_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-6	MW-39_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-B-10	MW-45_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-11	MW-55_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-12	MW-56_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-13	MW-57_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-14	MW-58_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-15	MW-59_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-16	MW-60_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310811 Batch Start Date: 09/11/19 09:47 Batch Analyst: Jantanu, CharinpornBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00010	VOAMasterMix 00042	
LCS 580-310811/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-310811/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-310811/7		8260C		5 mL	5 mL		2 uL		
580-88963-C-13	MW-57_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-6	MW-39_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-17	MW-61_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-18	MW-62_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-19	MW-63_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-22	MW-67_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-23	MW-70_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-25	AG-WELL_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-A-30	Dup-2_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-4	MW-21_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-8	MW-43_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-9	MW-44_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-21	MW-66_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-29	Dup-1_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-2	MW-19_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-10	MW-45_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-12	MW-56_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-5	MW-35_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-5 MS	MW-35_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-88963-C-5 MSD	MW-35_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	

Batch Notes

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, SeattleJob No.: 580-88963-1

SDG No.: _____

Batch Number: 310811Batch Start Date: 09/11/19 09:47Batch Analyst: Jantanu, CharinpornBatch Method: 8260C

Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 311005 Batch Start Date: 09/12/19 14:03 Batch Analyst: Thaneerat, Wijittra 1Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00010	VOAMasterMix 00042	
LCS 580-311005/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-311005/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-311005/7		8260C		5 mL	5 mL		2 uL		
580-88963-C-22	MW-67_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-88963-C-30	Dup-2_20190904	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

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GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310723 Batch Start Date: 09/10/19 14:19 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00034	GRO_LCS 00055	TFT Spike 00036
MB 580-310723/9		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
LCS 580-310723/10		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
LCSD 580-310723/11		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
580-88963-B-26	Trip Blank-1_	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-27	Trip Blank-2_	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-28	Trip Blank-3_	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-24	MW-71_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-25	AG-WELL_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-29	Dup-1_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-30	Dup-2_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-14	MW-58_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-15	MW-59_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-16	MW-60_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-17	MW-61_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-18	MW-62_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-19	MW-63_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-20	MW-64_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-21	MW-66_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-22	MW-67_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-23	MW-70_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00039					
MB 580-310723/9		NWTPH-Gx							
LCS 580-310723/10		NWTPH-Gx		1250 uL					
LCSD 580-310723/11		NWTPH-Gx		1250 uL					
580-88963-B-26	Trip Blank-1_	NWTPH-Gx	T						
580-88963-B-27	Trip Blank-2_	NWTPH-Gx	T						
580-88963-B-28	Trip Blank-3_	NWTPH-Gx	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 2

GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310723 Batch Start Date: 09/10/19 14:19 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00039					
580-88963-B-24	MW-71_20190904	NWTPH-Gx	T						
580-88963-B-25	AG-WELL_20190904	NWTPH-Gx	T						
580-88963-B-29	Dup-1_20190904	NWTPH-Gx	T						
580-88963-B-30	Dup-2_20190904	NWTPH-Gx	T						
580-88963-B-14	MW-58_20190904	NWTPH-Gx	T						
580-88963-B-15	MW-59_20190904	NWTPH-Gx	T						
580-88963-B-16	MW-60_20190904	NWTPH-Gx	T						
580-88963-B-17	MW-61_20190904	NWTPH-Gx	T						
580-88963-B-18	MW-62_20190904	NWTPH-Gx	T						
580-88963-B-19	MW-63_20190904	NWTPH-Gx	T						
580-88963-B-20	MW-64_20190904	NWTPH-Gx	T						
580-88963-B-21	MW-66_20190904	NWTPH-Gx	T						
580-88963-B-22	MW-67_20190904	NWTPH-Gx	T						
580-88963-B-23	MW-70_20190904	NWTPH-Gx	T						

Batch Notes

pH Indicator ID	pH0.0-6.0 LOT#6901002
Pipette/Syringe/Dispenser ID	B50M, C25I, C2500M
Vial Lot Number	0318301D

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 2 of 2

GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 311072 Batch Start Date: 09/12/19 16:36 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00034	GRO_LCS 00055	TFT Spike 00036
MB 580-311072/9		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
LCS 580-311072/10		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
LCSD 580-311072/11		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
580-88963-C-7	MW-41_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-6	MW-39_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-C-11	MW-55_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-C-3	MW-20_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-13	MW-57_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-C-1	MW-2_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-B-1 MS	MW-2_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
580-88963-C-1 MSD	MW-2_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
580-88963-D-9	MW-44_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-10	MW-45_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-2	MW-19_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-4	MW-21_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-8	MW-43_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-12	MW-56_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-5	MW-35_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-88963-D-5 MS	MW-35_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
580-88963-D-5 MSD	MW-35_20190904	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00039					
MB 580-311072/9		NWTPH-Gx							
LCS 580-311072/10		NWTPH-Gx		1250 uL					
LCSD 580-311072/11		NWTPH-Gx		1250 uL					
580-88963-C-7	MW-41_20190904	NWTPH-Gx	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 2

GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 311072 Batch Start Date: 09/12/19 16:36 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00039					
580-88963-D-6	MW-39_20190904	NWTPH-Gx	T						
580-88963-C-11	MW-55_20190904	NWTPH-Gx	T						
580-88963-C-3	MW-20_20190904	NWTPH-Gx	T						
580-88963-D-13	MW-57_20190904	NWTPH-Gx	T						
580-88963-C-1	MW-2_20190904	NWTPH-Gx	T						
580-88963-B-1 MS	MW-2_20190904	NWTPH-Gx	T						
580-88963-C-1 MSD	MW-2_20190904	NWTPH-Gx	T						
580-88963-D-9	MW-44_20190904	NWTPH-Gx	T						
580-88963-D-10	MW-45_20190904	NWTPH-Gx	T						
580-88963-D-2	MW-19_20190904	NWTPH-Gx	T						
580-88963-D-4	MW-21_20190904	NWTPH-Gx	T						
580-88963-D-8	MW-43_20190904	NWTPH-Gx	T						
580-88963-D-12	MW-56_20190904	NWTPH-Gx	T						
580-88963-D-5	MW-35_20190904	NWTPH-Gx	T						
580-88963-D-5 MS	MW-35_20190904	NWTPH-Gx	T						
580-88963-D-5 MSD	MW-35_20190904	NWTPH-Gx	T						

Batch Notes

pH Indicator ID	0.0-6.0 LOT#6901002
Pipette/Syringe/Dispenser ID	B50M, C25i, C2500M
Vial Lot Number	0108901D

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 2 of 2

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310849 Batch Start Date: 09/11/19 12:50 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/11/19 18:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-310849/1		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCS 580-310849/2		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCSD 580-310849/3		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
580-88963-H-1	MW-2_20190904	3510C, NWTPH-Dx	T	00426.11 g	00184.76 g	241.4 mL	1.0 mL	No	2.0 SU
580-88963-G-1 MS	MW-2_20190904	3510C, NWTPH-Dx	T	00426.80 g	00181.93 g	244.9 mL	1.0 mL	No	2.0 SU
580-88963-G-1 MSD	MW-2_20190904	3510C, NWTPH-Dx	T	00431.81 g	00181.88 g	249.9 mL	1.0 mL	No	2.0 SU
580-88963-G-2	MW-19_20190904	3510C, NWTPH-Dx	T	00435.47 g	00184.90 g	250.6 mL	1.0 mL	No	2.0 SU
580-88963-H-4	MW-21_20190904	3510C, NWTPH-Dx	T	00429.40 g	00184.23 g	245.2 mL	1.0 mL	No	2.0 SU
580-88963-H-7	MW-41_20190904	3510C, NWTPH-Dx	T	00433.68 g	00182.30 g	251.4 mL	1.0 mL	No	2.0 SU
580-88963-H-8	MW-43_20190904	3510C, NWTPH-Dx	T	00429.41 g	00180.40 g	249 mL	1.0 mL	No	2.0 SU
580-88963-G-9	MW-44_20190904	3510C, NWTPH-Dx	T	00432.59 g	00182.09 g	250.5 mL	1.0 mL	No	2.0 SU
580-88963-H-20	MW-64_20190904	3510C, NWTPH-Dx	T	00431.37 g	00184.20 g	247.2 mL	1.0 mL	No	2.0 SU
580-88963-H-21	MW-66_20190904	3510C, NWTPH-Dx	T	00434.25 g	00184.23 g	250 mL	1.0 mL	No	2.0 SU
580-88963-H-24	MW-71_20190904	3510C, NWTPH-Dx	T	00434.66 g	00184.35 g	250.3 mL	1.0 mL	No	2.0 SU
580-88963-H-29	Dup-1_20190904	3510C, NWTPH-Dx	T	00432.38 g	00182.42 g	250 mL	1.0 mL	No	2.0 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00022	TPH_WaterSurr 00049		
MB 580-310849/1		3510C, NWTPH-Dx		2.0 SU	N/A SU		100 uL		
LCS 580-310849/2		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
LCSD 580-310849/3		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
580-88963-H-1	MW-2_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 3

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310849 Batch Start Date: 09/11/19 12:50 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/11/19 18:37

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00022	TPH_WaterSurr 00049		
580-88963-G-1 MS	MW-2_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU	100 uL	100 uL		
580-88963-G-1 MSD	MW-2_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU	100 uL	100 uL		
580-88963-G-2	MW-19_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-4	MW-21_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-7	MW-41_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-8	MW-43_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-9	MW-44_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-20	MW-64_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-21	MW-66_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-24	MW-71_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-29	Dup-1_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 3

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310849 Batch Start Date: 09/11/19 12:50 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/11/19 18:37

Batch Notes	
Acid Used for pH Adjustment ID	2430698
Balance ID	SEA225
Batch Comment	Vialed by: PRO
Analyst ID - Concentration	PRO
Concentration 1 Corrected Temperature	69.8-74.8 Degrees C
Concentration 2 Corrected Temperature	ambient Degrees C
Equipment ID - Concentration 1	Steam Bath 2
Equipment ID - Concentration 2	NEVAP 2
Analyst ID - Extraction	PRO/TL
Filter ID	2416954
Method/Fraction	3510C_LVI/ NWTPH_Dx
Na2SO4 ID	2400382
pH Indicator ID	6901002 pH 0.0-6.0/6901003 pH 4.0-10.0
Pipette/Syringe/Dispenser ID	MP3
Prep Solvent ID	2450659 DCM
Prep Solvent Volume Used	120 mL
Residual Chlorine Indicator ID	fisher cat#14-860
Analyst ID - Spike Analyst	PRO
Analyst ID - Spike Witness Analyst	TL
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	661200
Thermometer ID - Concentration 2	TAC002
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	ambient Degrees C
Vial Lot Number	19049222

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310967 Batch Start Date: 09/12/19 10:09 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/12/19 16:01

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-310967/1		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCS 580-310967/2		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCSD 580-310967/3		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
580-88963-H-3	MW-20_20190904	3510C, NWTPH-Dx	T	00435.11 g	00186.81 g	248.3 mL	1.0 mL	No	2.0 SU
580-88963-G-5	MW-35_20190904	3510C, NWTPH-Dx	T	00431.58 g	00184.49 g	247.1 mL	1.0 mL	No	2.0 SU
580-88963-H-5 MS	MW-35_20190904	3510C, NWTPH-Dx	T	00429.17 g	00184.95 g	244.2 mL	1.0 mL	No	2.0 SU
580-88963-G-5 MSD	MW-35_20190904	3510C, NWTPH-Dx	T	00432.17 g	00184.59 g	247.6 mL	1.0 mL	No	2.0 SU
580-88963-H-6	MW-39_20190904	3510C, NWTPH-Dx	T	00432.09 g	00185.80 g	246.3 mL	1.0 mL	No	2.0 SU
580-88963-H-10	MW-45_20190904	3510C, NWTPH-Dx	T	00435.61 g	00185.54 g	250.1 mL	1.0 mL	No	2.0 SU
580-88963-H-11	MW-55_20190904	3510C, NWTPH-Dx	T	00435.76 g	00185.22 g	250.5 mL	1.0 mL	No	2.0 SU
580-88963-G-12	MW-56_20190904	3510C, NWTPH-Dx	T	00435.42 g	00184.50 g	250.9 mL	1.0 mL	No	2.0 SU
580-88963-G-13	MW-57_20190904	3510C, NWTPH-Dx	T	00434.30 g	00183.92 g	250.4 mL	1.0 mL	No	2.0 SU
580-88963-H-14	MW-58_20190904	3510C, NWTPH-Dx	T	00435.63 g	00184.72 g	250.9 mL	1.0 mL	No	2.0 SU
580-88963-H-15	MW-59_20190904	3510C, NWTPH-Dx	T	00432.84 g	00184.16 g	248.7 mL	1.0 mL	No	2.0 SU
580-88963-G-16	MW-60_20190904	3510C, NWTPH-Dx	T	00432.85 g	00185.07 g	247.8 mL	1.0 mL	No	2.0 SU
580-88963-G-17	MW-61_20190904	3510C, NWTPH-Dx	T	00433.65 g	00184.65 g	249 mL	1.0 mL	No	2.0 SU
580-88963-G-18	MW-62_20190904	3510C, NWTPH-Dx	T	00428.11 g	00185.02 g	243.1 mL	1.0 mL	No	2.0 SU
580-88963-G-19	MW-63_20190904	3510C, NWTPH-Dx	T	00434.65 g	00184.42 g	250.2 mL	1.0 mL	No	2.0 SU
580-88963-H-22	MW-67_20190904	3510C, NWTPH-Dx	T	00434.77 g	00184.41 g	250.4 mL	1.0 mL	No	2.0 SU
580-88963-H-23	MW-70_20190904	3510C, NWTPH-Dx	T	00432.37 g	00184.25 g	248.1 mL	1.0 mL	No	2.0 SU
580-88963-G-25	AG-WELL_20190904	3510C, NWTPH-Dx	T	00434.47 g	00184.08 g	250.4 mL	1.0 mL	No	2.0 SU

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 4

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310967 Batch Start Date: 09/12/19 10:09 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/12/19 16:01

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
580-88963-G-30	Dup-2_20190904	3510C, NWTPH-Dx	T	00436.13 g	00186.15 g	250 mL	1.0 mL	No	2.0 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00022	TPH_WaterSurr 00049		
MB 580-310967/1		3510C, NWTPH-Dx		2.0 SU	N/A SU		100 uL		
LCS 580-310967/2		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
LCSD 580-310967/3		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
580-88963-H-3	MW-20_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-5	MW-35_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-5 MS	MW-35_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU	100 uL	100 uL		
580-88963-G-5 MSD	MW-35_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU	100 uL	100 uL		
580-88963-H-6	MW-39_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-10	MW-45_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-11	MW-55_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-12	MW-56_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-13	MW-57_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-14	MW-58_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-15	MW-59_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-16	MW-60_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-17	MW-61_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-18	MW-62_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-19	MW-63_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 2 of 4

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310967 Batch Start Date: 09/12/19 10:09 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/12/19 16:01

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00022	TPH_WaterSurr 00049		
580-88963-H-22	MW-67_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-H-23	MW-70_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-25	AG-WELL_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-88963-G-30	Dup-2_20190904	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 3 of 4

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-88963-1

SDG No.: _____

Batch Number: 310967 Batch Start Date: 09/12/19 10:09 Batch Analyst: O'Shaughnessy, Patrick RBatch Method: 3510C Batch End Date: 09/12/19 16:01

Batch Notes	
Acid Used for pH Adjustment ID	2430698
Balance ID	SEA225
Batch Comment	Vialed by: PRO
Analyst ID - Concentration	TL
Concentration 1 Corrected Temperature	69.8-74.8 Degrees C
Concentration 2 Corrected Temperature	27.8 Degrees C
Equipment ID - Concentration 1	Steam Bath 2
Equipment ID - Concentration 2	Turbovap 5
Analyst ID - Extraction	PRO/TL
Filter ID	2416954
Method/Fraction	3510C_LVI/ NWTPH_Dx
Na2SO4 ID	2400382
pH Indicator ID	6901002 pH 0.0-6.0/6901003 pH 4.0-10.0
Pipette/Syringe/Dispenser ID	MP3
Prep Solvent ID	2450659 DCM
Prep Solvent Volume Used	120 mL
Residual Chlorine Indicator ID	fisher cat#14-860
Analyst ID - Spike Analyst	PRO
Analyst ID - Spike Witness Analyst	TL
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	661200
Thermometer ID - Concentration 2	digital readout
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	30.0 Degrees C
Vial Lot Number	19049222

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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ANALYTICAL REPORT

Eurofins TestAmerica, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-89959-1

Client Project/Site: BP - OPLC - Allen Station
Sampling Event: Allen Station Waters

For:

Antea USA Inc.
4006 148th Ave NE
Redmond, Washington 98052

Attn: Megan Richard



Authorized for release by:
10/24/2019 9:37:58 AM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Job ID: 580-89959-1

Laboratory: Eurofins TestAmerica, Seattle

Narrative

Job Narrative 580-89959-1

Receipt

Three samples were received on 10/10/2019 11:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: The laboratory control sample duplicate (LCSD) for preparation batch 580-314818 and analytical batch 580-314935 recovered outside control limits for the following analytes: Motor Oil. These analytes were biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method NWTPH-Dx: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 580-314818 and analytical batch 580-314935 recovered outside control limits for C10-C24 diesel range organics and Motor Oil. For the C10-C24 range, recoveries are within control limits; therefore, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Client Sample ID: MW-68_20191009

Lab Sample ID: 580-89959-1

☐ No Detections.

Client Sample ID: MW-69_20191009

Lab Sample ID: 580-89959-2

☐ No Detections.

Client Sample ID: Trip Blank_20191009

Lab Sample ID: 580-89959-3

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Client Sample ID: MW-68_20191009

Lab Sample ID: 580-89959-1

Date Collected: 10/09/19 13:05

Matrix: Water

Date Received: 10/11/19 16:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			10/17/19 18:39	1
Toluene	ND		2.0		ug/L			10/17/19 18:39	1
Ethylbenzene	ND		3.0		ug/L			10/17/19 18:39	1
Xylenes, Total	ND		3.0		ug/L			10/17/19 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		10/17/19 18:39	1
Toluene-d8 (Surr)	100		80 - 120		10/17/19 18:39	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		10/17/19 18:39	1
4-Bromofluorobenzene (Surr)	94		80 - 120		10/17/19 18:39	1
Dibromofluoromethane (Surr)	101		80 - 120		10/17/19 18:39	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			10/14/19 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150		10/14/19 17:19	1
Trifluorotoluene (Surr)	118		50 - 150		10/14/19 17:19	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		10/22/19 09:48	10/23/19 13:34	1
Motor Oil (>C24-C36)	ND	*	350		ug/L		10/22/19 09:48	10/23/19 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	10/22/19 09:48	10/23/19 13:34	1

Client Sample ID: MW-69_20191009

Lab Sample ID: 580-89959-2

Date Collected: 10/09/19 12:45

Matrix: Water

Date Received: 10/11/19 16:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			10/17/19 19:03	1
Toluene	ND		2.0		ug/L			10/17/19 19:03	1
Ethylbenzene	ND		3.0		ug/L			10/17/19 19:03	1
Xylenes, Total	ND		3.0		ug/L			10/17/19 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 120		10/17/19 19:03	1
Toluene-d8 (Surr)	98		80 - 120		10/17/19 19:03	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		10/17/19 19:03	1
4-Bromofluorobenzene (Surr)	93		80 - 120		10/17/19 19:03	1
Dibromofluoromethane (Surr)	100		80 - 120		10/17/19 19:03	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			10/14/19 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150		10/14/19 17:49	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Client Sample ID: MW-69_20191009

Lab Sample ID: 580-89959-2

Date Collected: 10/09/19 12:45

Matrix: Water

Date Received: 10/11/19 16:53

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	114		50 - 150		10/14/19 17:49	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		10/22/19 09:48	10/23/19 13:54	1
Motor Oil (>C24-C36)	ND	*	350		ug/L		10/22/19 09:48	10/23/19 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	10/22/19 09:48	10/23/19 13:54	1

Client Sample ID: Trip Blank_20191009

Lab Sample ID: 580-89959-3

Date Collected: 10/09/19 00:01

Matrix: Water

Date Received: 10/11/19 16:53

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			10/17/19 17:22	1
Toluene	ND		2.0		ug/L			10/17/19 17:22	1
Ethylbenzene	ND		3.0		ug/L			10/17/19 17:22	1
Xylenes, Total	ND		3.0		ug/L			10/17/19 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		10/17/19 17:22	1
Toluene-d8 (Surr)	100		80 - 120		10/17/19 17:22	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		10/17/19 17:22	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/17/19 17:22	1
Dibromofluoromethane (Surr)	102		80 - 120		10/17/19 17:22	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			10/14/19 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		50 - 150		10/14/19 14:15	1
Trifluorotoluene (Surr)	120		50 - 150		10/14/19 14:15	1

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)				
		TFT (80-120)	TOL (80-120)	DCA (80-126)	BFB (80-120)	DBFM (80-120)
580-89959-1	MW-68_20191009	98	100	100	94	101
580-89959-2	MW-69_20191009	96	98	101	93	100
580-89959-3	Trip Blank_20191009	99	100	104	95	102
LCS 580-314535/4	Lab Control Sample	95	101	99	95	97
LCSD 580-314535/5	Lab Control Sample Dup	101	101	101	94	100
MB 580-314535/7	Method Blank	97	101	102	93	101

Surrogate Legend

TFT = Trifluorotoluene (Surr)
TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (50-150)	TFT1 (50-150)
580-89959-1	MW-68_20191009	96	118
580-89959-2	MW-69_20191009	92	114
580-89959-3	Trip Blank_20191009	91	120
LCS 580-314152/6	Lab Control Sample	101	108
LCSD 580-314152/7	Lab Control Sample Dup	99	108
MB 580-314152/5	Method Blank	95	117

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TFT = Trifluorotoluene (Surr)

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTPH (50-150)
580-89959-1	MW-68_20191009	84
580-89959-2	MW-69_20191009	83
LCS 580-314818/2-A	Lab Control Sample	76
LCSD 580-314818/3-A	Lab Control Sample Dup	112
MB 580-314818/1-A	Method Blank	75

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-314535/7

Matrix: Water

Analysis Batch: 314535

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			10/17/19 16:56	1
Toluene	ND		2.0		ug/L			10/17/19 16:56	1
Ethylbenzene	ND		3.0		ug/L			10/17/19 16:56	1
Xylenes, Total	ND		3.0		ug/L			10/17/19 16:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120		10/17/19 16:56	1
Toluene-d8 (Surr)	101		80 - 120		10/17/19 16:56	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		10/17/19 16:56	1
4-Bromofluorobenzene (Surr)	93		80 - 120		10/17/19 16:56	1
Dibromofluoromethane (Surr)	101		80 - 120		10/17/19 16:56	1

Lab Sample ID: LCS 580-314535/4

Matrix: Water

Analysis Batch: 314535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.85		ug/L		98	75 - 121
Toluene	10.0	9.86		ug/L		99	80 - 120
Ethylbenzene	10.0	9.90		ug/L		99	80 - 120
m-Xylene & p-Xylene	10.0	9.44		ug/L		94	80 - 120
o-Xylene	10.0	9.80		ug/L		98	80 - 120
Xylenes, Total	20.0	19.2		ug/L		96	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	95		80 - 120
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	99		80 - 126
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120

Lab Sample ID: LCSD 580-314535/5

Matrix: Water

Analysis Batch: 314535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.63		ug/L		96	75 - 121	2	14
Toluene	10.0	9.65		ug/L		96	80 - 120	2	19
Ethylbenzene	10.0	9.66		ug/L		97	80 - 120	3	14
m-Xylene & p-Xylene	10.0	9.04		ug/L		90	80 - 120	4	14
o-Xylene	10.0	9.46		ug/L		95	80 - 120	4	16
Xylenes, Total	20.0	18.5		ug/L		93	80 - 120	4	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	101		80 - 126

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-314535/5

Matrix: Water

Analysis Batch: 314535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-314152/5

Matrix: Water

Analysis Batch: 314152

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			10/14/19 11:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150					10/14/19 11:43	1
Trifluorotoluene (Surr)	117		50 - 150					10/14/19 11:43	1

Lab Sample ID: LCS 580-314152/6

Matrix: Water

Analysis Batch: 314152

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	938		ug/L		94	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		50 - 150				
Trifluorotoluene (Surr)	108		50 - 150				

Lab Sample ID: LCSD 580-314152/7

Matrix: Water

Analysis Batch: 314152

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	963		ug/L		96	79 - 120	3	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		50 - 150						
Trifluorotoluene (Surr)	108		50 - 150						

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-314818/1-A

Matrix: Water

Analysis Batch: 314935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		10/22/19 09:47	10/23/19 12:13	1
Motor Oil (>C24-C36)	ND		350		ug/L		10/22/19 09:47	10/23/19 12:13	1

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: MB 580-314818/1-A

Matrix: Water

Analysis Batch: 314935

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 314818

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	75		50 - 150	10/22/19 09:47	10/23/19 12:13	1

Lab Sample ID: LCS 580-314818/2-A

Matrix: Water

Analysis Batch: 314935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 314818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
#2 Diesel (C10-C24)	2000	1500		ug/L		75	50 - 120
Motor Oil (>C24-C36)	2000	1650		ug/L		83	64 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
<i>o</i> -Terphenyl	76		50 - 150

Lab Sample ID: LCSD 580-314818/3-A

Matrix: Water

Analysis Batch: 314935

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 314818

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	2260	*	ug/L		113	50 - 120	40	26
Motor Oil (>C24-C36)	2000	2540	*	ug/L		127	64 - 120	42	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
<i>o</i> -Terphenyl	112		50 - 150

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

GC/MS VOA

Analysis Batch: 314535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-89959-1	MW-68_20191009	Total/NA	Water	8260C	
580-89959-2	MW-69_20191009	Total/NA	Water	8260C	
580-89959-3	Trip Blank_20191009	Total/NA	Water	8260C	
MB 580-314535/7	Method Blank	Total/NA	Water	8260C	
LCS 580-314535/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-314535/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 314152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-89959-1	MW-68_20191009	Total/NA	Water	NWTPH-Gx	
580-89959-2	MW-69_20191009	Total/NA	Water	NWTPH-Gx	
580-89959-3	Trip Blank_20191009	Total/NA	Water	NWTPH-Gx	
MB 580-314152/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-314152/6	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-314152/7	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 314818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-89959-1	MW-68_20191009	Total/NA	Water	3510C	
580-89959-2	MW-69_20191009	Total/NA	Water	3510C	
MB 580-314818/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-314818/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-314818/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 314935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-89959-1	MW-68_20191009	Total/NA	Water	NWTPH-Dx	314818
580-89959-2	MW-69_20191009	Total/NA	Water	NWTPH-Dx	314818
MB 580-314818/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	314818
LCS 580-314818/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	314818
LCSD 580-314818/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	314818

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Client Sample ID: MW-68_20191009

Date Collected: 10/09/19 13:05

Date Received: 10/11/19 16:53

Lab Sample ID: 580-89959-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	314535	10/17/19 18:39	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	314152	10/14/19 17:19	BS	TAL SEA
Total/NA	Prep	3510C			314818	10/22/19 09:48	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	314935	10/23/19 13:34	JCM	TAL SEA

Client Sample ID: MW-69_20191009

Date Collected: 10/09/19 12:45

Date Received: 10/11/19 16:53

Lab Sample ID: 580-89959-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	314535	10/17/19 19:03	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	314152	10/14/19 17:49	BS	TAL SEA
Total/NA	Prep	3510C			314818	10/22/19 09:48	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	314935	10/23/19 13:54	JCM	TAL SEA

Client Sample ID: Trip Blank_20191009

Date Collected: 10/09/19 00:01

Date Received: 10/11/19 16:53

Lab Sample ID: 580-89959-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	314535	10/17/19 17:22	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	314152	10/14/19 14:15	BS	TAL SEA

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Laboratory: Eurofins TestAmerica, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State Program	C553	02-17-20
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	TAL SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL SEA
5030B	Purge and Trap	SW846	TAL SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-89959-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-89959-1	MW-68_20191009	Water	10/09/19 13:05	10/11/19 16:53	
580-89959-2	MW-69_20191009	Water	10/09/19 12:45	10/11/19 16:53	
580-89959-3	Trip Blank_20191009	Water	10/09/19 00:01	10/11/19 16:53	

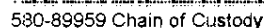


Rush TAT Yes ☐ No ☐

Lab Work Order Number:

Rush (A) Yes
8995

Therm. ID: A1 Cor: 0.6 ° Unc: 0.7 °
Cooler Desc: S-1 Blue
Packing: Bub FedEx: _____
Cust. Seal: Yes X No _____ UPS: _____
Blue Ice, (Ved) Dry, None Lab Cour: F
Other: _____ 10/24/2019



/ No	Cooler Temp on Receipt: _____ °F/C	Trip Blank: Yes / No	MS
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Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-89959-1

Login Number: 89959

List Source: Eurofins TestAmerica, Seattle

List Number: 1

Creator: Pilch, Andrew C

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-89959-1

SDG No.: _____

Batch Number: 314535 Batch Start Date: 10/17/19 14:26 Batch Analyst: Thaneerat, Wijittra 1Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00011	VOAMasterMix 00044	
LCS 580-314535/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-314535/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-314535/7		8260C		5 mL	5 mL		2 uL		
580-89959-C-3	Trip Blank 20191009	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-89959-E-1	MW-68_20191009	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-89959-E-2	MW-69_20191009	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Vial Lot Number	0217701e
-----------------	----------

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-89959-1

SDG No.: _____

Batch Number: 314152 Batch Start Date: 10/14/19 09:41 Batch Analyst: Stearns, Bryce EBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00038	GRO_LCS 00057	TFT Spike 00038
MB 580-314152/5		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
LCS 580-314152/6		NWTPH-Gx		5 mL	5 mL		1 uL	50 uL	
LCSD 580-314152/7		NWTPH-Gx		5 mL	5 mL		1 uL	50 uL	
580-89959-C-1	MW-68_20191009	NWTPH-Gx	T	5 mL	5 mL	<2 SU	1 uL		10.75 uL
580-89959-C-2	MW-69_20191009	NWTPH-Gx	T	5 mL	5 mL	<2 SU	1 uL		10.75 uL
580-89959-A-3	Trip Blank 20191009	NWTPH-Gx	T	5 mL	5 mL	<2 SU	1 uL		10.75 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00042					
MB 580-314152/5		NWTPH-Gx							
LCS 580-314152/6		NWTPH-Gx		2500 uL					
LCSD 580-314152/7		NWTPH-Gx		2500 uL					
580-89959-C-1	MW-68_20191009	NWTPH-Gx	T						
580-89959-C-2	MW-69_20191009	NWTPH-Gx	T						
580-89959-A-3	Trip Blank 20191009	NWTPH-Gx	T						

Batch Notes	
pH Indicator ID	6901002
Pipette/Syringe/Dispenser ID	C25N, B50N, C25000
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

Page 1 of 1

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-89959-1

SDG No.: _____

Batch Number: 314818 Batch Start Date: 10/22/19 09:47 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 10/22/19 16:32

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-314818/1		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCS 580-314818/2		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCSD 580-314818/3		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
580-89959-B-1	MW-68_20191009	3510C, NWTPH-Dx	T	00434.39 g	00183.59 g	250.8 mL	1.0 mL	No	2.0 SU
580-89959-A-2	MW-69_20191009	3510C, NWTPH-Dx	T	00435.06 g	00183.13 g	251.9 mL	1.0 mL	No	2.0 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00023	TPH_WaterSurr 00050		
MB 580-314818/1		3510C, NWTPH-Dx		2.0 SU	N/A SU		100 uL		
LCS 580-314818/2		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
LCSD 580-314818/3		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
580-89959-B-1	MW-68_20191009	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		
580-89959-A-2	MW-69_20191009	3510C, NWTPH-Dx	T	2.0 SU	N/A SU		100 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

Page 1 of 2

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-89959-1

SDG No.: _____

Batch Number: 314818 Batch Start Date: 10/22/19 09:47 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 10/22/19 16:32

Batch Notes	
Acid Used for pH Adjustment ID	2430698
Balance ID	SEA225
Batch Comment	Vialed by:NRF
Analyst ID - Concentration	NRF
Concentration 1 Corrected Temperature	70-75 Degrees C
Concentration 2 Corrected Temperature	18.1 Degrees C
Equipment ID - Concentration 1	Steam Bath 1
Equipment ID - Concentration 2	Turbovap 5
Analyst ID - Extraction	PRO/NRF
Filter ID	2416954
Method/Fraction	3510C_LVI/ 8270_sim
Na2SO4 ID	2400382
pH Indicator ID	6901002 pH 0.0-6.0/6901003 pH 4.0-10.0
Pipette/Syringe/Dispenser ID	MP1
Prep Solvent ID	2450659 DCM
Prep Solvent Volume Used	120 mL
Residual Chlorine Indicator ID	fisher cat#14-860
Analyst ID - Spike Analyst	NRF
Analyst ID - Spike Witness Analyst	PRO
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	61013-040-1
Thermometer ID - Concentration 2	Digital Readout
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	20 Degrees C
Vial Lot Number	19103141

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

ANALYTICAL REPORT

Eurofins TestAmerica, Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-90969-1

Client Project/Site: BP - OPLC - Allen Station
Sampling Event: Allen Station Waters

For:

Antea USA Inc.
4006 148th Ave NE
Redmond, Washington 98052

Attn: Megan Richard



Authorized for release by:
12/3/2019 2:24:50 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Job ID: 580-90969-1

Laboratory: Eurofins TestAmerica, Seattle

Narrative

Job Narrative 580-90969-1

Receipt

Thirty-four samples were received on 11/21/2019 1:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.3° C, 4.3° C and 5.1° C.

Receipt Exceptions

The Chain of Custody indicates 6 vials were submitted for sample Trip Blank-3_20191119 (580-90969-32) however, no vials were received for this sample.

GC/MS VOA

Method 8260C: Surrogate recovery for the following sample was outside the upper control limit: MW-57_20191120 (580-90969-15). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20191119 (580-90969-4), MW-21_20191119 (580-90969-6), MW-35_20191119 (580-90969-7), MW-43_20191119 (580-90969-10), MW-45_20191120 (580-90969-11), MW-56_20191120 (580-90969-14), Dup-1_20191119 (580-90969-33), and Dup-2_20191120 (580-90969-34). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA

Method NWTPH-Gx: Surrogate 4-Bromofluorobenzene (Surr) recovery for the following samples were outside control limits: MW-19_20191119 (580-90969-4), MW-21_20191119 (580-90969-6), MW-45_20191120 (580-90969-11), Dup-1_20191119 (580-90969-33), and Dup-2_20191120 (580-90969-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method NWTPH-Gx: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-35_20191119 (580-90969-7), MW-43_20191119 (580-90969-10) and MW-56_20191120 (580-90969-14). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-19_20191119 (580-90969-4), MW-21_20191119 (580-90969-6), MW-35_20191119 (580-90969-7), MW-43_20191119 (580-90969-10) and MW-45_20191120 (580-90969-11).

Method NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: C_20191119 (580-90969-1), MW-2_20191119 (580-90969-2) and MW-58_20191120 (580-90969-16).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: C_20191119

Lab Sample ID: 580-90969-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	190		100		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-2_20191119

Lab Sample ID: 580-90969-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	730		100		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1400		330		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-14_20191119

Lab Sample ID: 580-90969-3

No Detections.

Client Sample ID: MW-19_20191119

Lab Sample ID: 580-90969-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	8.4		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	34		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	680		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	920		30		ug/L	10		8260C	Total/NA
Gasoline	8800		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3300		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	410		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-20_20191120

Lab Sample ID: 580-90969-5

No Detections.

Client Sample ID: MW-21_20191119

Lab Sample ID: 580-90969-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	19		3.0		ug/L	1		8260C	Total/NA
Toluene	3.6		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	87		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	520		30		ug/L	10		8260C	Total/NA
Gasoline	11000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	6000		100		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1400		330		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-35_20191119

Lab Sample ID: 580-90969-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	2600		150		ug/L	50		8260C	Total/NA
Toluene	440		100		ug/L	50		8260C	Total/NA
Benzene - DL	9300		300		ug/L	100		8260C	Total/NA
Xylenes, Total - DL	13000		300		ug/L	100		8260C	Total/NA
Gasoline	62000		2500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	8400		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	580		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-39_20191120

Lab Sample ID: 580-90969-8

No Detections.

Client Sample ID: MW-41_20191119

Lab Sample ID: 580-90969-9

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-43_20191119

Lab Sample ID: 580-90969-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.9		3.0		ug/L	1		8260C	Total/NA
Toluene	6.2		2.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	350		30		ug/L	10		8260C	Total/NA
Xylenes, Total - DL	1400		30		ug/L	10		8260C	Total/NA
Gasoline	28000		2500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	11000		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	500		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-45_20191120

Lab Sample ID: 580-90969-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	19		3.0		ug/L	1		8260C	Total/NA
Toluene	2.1		2.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	410		30		ug/L	10		8260C	Total/NA
Gasoline	7100		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1800		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-54_20191120

Lab Sample ID: 580-90969-12

No Detections.

Client Sample ID: MW-55_20191120

Lab Sample ID: 580-90969-13

No Detections.

Client Sample ID: MW-56_20191120

Lab Sample ID: 580-90969-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	130		3.0		ug/L	1		8260C	Total/NA
Toluene	44		2.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	1300		150		ug/L	50		8260C	Total/NA
Xylenes, Total - DL	4900		150		ug/L	50		8260C	Total/NA
Gasoline	28000		2500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2600		100		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-57_20191120

Lab Sample ID: 580-90969-15

No Detections.

Client Sample ID: MW-58_20191120

Lab Sample ID: 580-90969-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	2200		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	7300		100		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	2600		330		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-59_20191120

Lab Sample ID: 580-90969-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1800		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	12000		100		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	2000		330		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-60_20191120

Lab Sample ID: 580-90969-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	6900		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	800		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-61_20191120

Lab Sample ID: 580-90969-19

No Detections.

Client Sample ID: MW-62_20191120

Lab Sample ID: 580-90969-20

No Detections.

Client Sample ID: MW-63_20191120

Lab Sample ID: 580-90969-21

No Detections.

Client Sample ID: MW-64_20191119

Lab Sample ID: 580-90969-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1200		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3100		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	670		340		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-66_20191119

Lab Sample ID: 580-90969-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	130		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-67_20191120

Lab Sample ID: 580-90969-24

No Detections.

Client Sample ID: MW-68_20191120

Lab Sample ID: 580-90969-25

No Detections.

Client Sample ID: MW-69_20191120

Lab Sample ID: 580-90969-26

No Detections.

Client Sample ID: MW-70_20191120

Lab Sample ID: 580-90969-27

No Detections.

Client Sample ID: MW-71_20191119

Lab Sample ID: 580-90969-28

No Detections.

Client Sample ID: AG-WELL_20191120

Lab Sample ID: 580-90969-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.0		2.0		ug/L	1		8260C	Total/NA
#2 Diesel (C10-C24)	200		100		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Trip Blank-1_20191119

Lab Sample ID: 580-90969-30

No Detections.

Client Sample ID: Trip Blank-2_20191119

Lab Sample ID: 580-90969-31

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Detection Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: Dup-1_20191119

Lab Sample ID: 580-90969-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	8.9		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	33		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	910		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	910		30		ug/L	10		8260C	Total/NA
Gasoline	9300		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3200		100		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Dup-2_20191120

Lab Sample ID: 580-90969-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	12		3.0		ug/L	1		8260C	Total/NA
Xylenes, Total	6.7		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	330		30		ug/L	10		8260C	Total/NA
Gasoline	6700		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1700		110		ug/L	1		NWTPH-Dx	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: C_20191119

Lab Sample ID: 580-90969-1

Date Collected: 11/19/19 12:45

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 17:00	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 17:00	1
Toluene	ND		2.0		ug/L			11/26/19 17:00	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 126		11/26/19 17:00	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/26/19 17:00	1
Dibromofluoromethane (Surr)	101		80 - 120		11/26/19 17:00	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 17:00	1
Trifluorotoluene (Surr)	105		80 - 120		11/26/19 17:00	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		50 - 150		11/26/19 17:54	1
Trifluorotoluene (Surr)	107		50 - 150		11/26/19 17:54	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	190		100		ug/L		11/25/19 10:14	11/25/19 19:59	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/25/19 10:14	11/25/19 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150	11/25/19 10:14	11/25/19 19:59	1

Client Sample ID: MW-2_20191119

Lab Sample ID: 580-90969-2

Date Collected: 11/19/19 12:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 17:25	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 17:25	1
Toluene	ND		2.0		ug/L			11/26/19 17:25	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 126		11/26/19 17:25	1
4-Bromofluorobenzene (Surr)	96		80 - 120		11/26/19 17:25	1
Dibromofluoromethane (Surr)	103		80 - 120		11/26/19 17:25	1
Toluene-d8 (Surr)	98		80 - 120		11/26/19 17:25	1
Trifluorotoluene (Surr)	106		80 - 120		11/26/19 17:25	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		50 - 150		11/26/19 18:18	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-2_20191119

Lab Sample ID: 580-90969-2

Date Collected: 11/19/19 12:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		50 - 150		11/26/19 18:18	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	730		100		ug/L		11/25/19 10:14	11/25/19 20:21	1
Motor Oil (>C24-C36)	1400		330		ug/L		11/25/19 10:14	11/25/19 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150	11/25/19 10:14	11/25/19 20:21	1

Client Sample ID: MW-14_20191119

Lab Sample ID: 580-90969-3

Date Collected: 11/19/19 12:25

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 17:50	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 17:50	1
Toluene	ND		2.0		ug/L			11/26/19 17:50	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		11/26/19 17:50	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/26/19 17:50	1
Dibromofluoromethane (Surr)	101		80 - 120		11/26/19 17:50	1
Toluene-d8 (Surr)	101		80 - 120		11/26/19 17:50	1
Trifluorotoluene (Surr)	108		80 - 120		11/26/19 17:50	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150		11/26/19 18:42	1
Trifluorotoluene (Surr)	94		50 - 150		11/26/19 18:42	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/25/19 10:14	11/25/19 20:42	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/25/19 10:14	11/25/19 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	11/25/19 10:14	11/25/19 20:42	1

Client Sample ID: MW-19_20191119

Lab Sample ID: 580-90969-4

Date Collected: 11/19/19 13:25

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.4		2.0		ug/L			11/26/19 18:15	1
Xylenes, Total	34		3.0		ug/L			11/26/19 18:15	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-19_20191119

Lab Sample ID: 580-90969-4

Date Collected: 11/19/19 13:25

Matrix: Water

Date Received: 11/21/19 13:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		11/26/19 18:15	1
4-Bromofluorobenzene (Surr)	98		80 - 120		11/26/19 18:15	1
Dibromofluoromethane (Surr)	98		80 - 120		11/26/19 18:15	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 18:15	1
Trifluorotoluene (Surr)	108		80 - 120		11/26/19 18:15	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	680		30		ug/L			11/27/19 18:13	10
Ethylbenzene	920		30		ug/L			11/27/19 18:13	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		11/27/19 18:13	10
4-Bromofluorobenzene (Surr)	100		80 - 120		11/27/19 18:13	10
Dibromofluoromethane (Surr)	100		80 - 120		11/27/19 18:13	10
Toluene-d8 (Surr)	97		80 - 120		11/27/19 18:13	10
Trifluorotoluene (Surr)	110		80 - 120		11/27/19 18:13	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8800		250		ug/L			11/26/19 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	X	50 - 150		11/26/19 19:06	1
Trifluorotoluene (Surr)	140		50 - 150		11/26/19 19:06	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3300		110		ug/L		11/25/19 10:14	11/25/19 21:03	1
Motor Oil (>C24-C36)	410		340		ug/L		11/25/19 10:14	11/25/19 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	74		50 - 150		11/25/19 10:14	1

Client Sample ID: MW-20_20191120

Lab Sample ID: 580-90969-5

Date Collected: 11/20/19 08:45

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 18:40	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 18:40	1
Toluene	ND		2.0		ug/L			11/26/19 18:40	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		11/26/19 18:40	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/26/19 18:40	1
Dibromofluoromethane (Surr)	98		80 - 120		11/26/19 18:40	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 18:40	1
Trifluorotoluene (Surr)	104		80 - 120		11/26/19 18:40	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-20_20191120

Lab Sample ID: 580-90969-5

Date Collected: 11/20/19 08:45

Matrix: Water

Date Received: 11/21/19 13:45

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L	-		11/26/19 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		50 - 150					11/26/19 19:30	1
Trifluorotoluene (Surr)	96		50 - 150					11/26/19 19:30	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L	-	11/25/19 10:14	11/25/19 21:25	1
Motor Oil (>C24-C36)	ND		330		ug/L	-	11/25/19 10:14	11/25/19 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150				11/25/19 10:14	11/25/19 21:25	1

Client Sample ID: MW-21_20191119

Lab Sample ID: 580-90969-6

Date Collected: 11/19/19 15:40

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		3.0		ug/L	-		11/26/19 19:05	1
Toluene	3.6		2.0		ug/L	-		11/26/19 19:05	1
Xylenes, Total	87		3.0		ug/L	-		11/26/19 19:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					11/26/19 19:05	1
4-Bromofluorobenzene (Surr)	93		80 - 120					11/26/19 19:05	1
Dibromofluoromethane (Surr)	102		80 - 120					11/26/19 19:05	1
Toluene-d8 (Surr)	95		80 - 120					11/26/19 19:05	1
Trifluorotoluene (Surr)	104		80 - 120					11/26/19 19:05	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	520		30		ug/L	-		11/27/19 18:38	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 126					11/27/19 18:38	10
4-Bromofluorobenzene (Surr)	97		80 - 120					11/27/19 18:38	10
Dibromofluoromethane (Surr)	102		80 - 120					11/27/19 18:38	10
Toluene-d8 (Surr)	99		80 - 120					11/27/19 18:38	10
Trifluorotoluene (Surr)	109		80 - 120					11/27/19 18:38	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	11000		250		ug/L	-		11/26/19 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	X	50 - 150					11/26/19 19:54	1
Trifluorotoluene (Surr)	132		50 - 150					11/26/19 19:54	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-21_20191119

Lab Sample ID: 580-90969-6

Date Collected: 11/19/19 15:40

Matrix: Water

Date Received: 11/21/19 13:45

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	6000		100		ug/L		11/25/19 10:14	11/25/19 22:08	1
Motor Oil (>C24-C36)	1400		330		ug/L		11/25/19 10:14	11/25/19 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	94		50 - 150				11/25/19 10:14	11/25/19 22:08	1

Client Sample ID: MW-35_20191119

Lab Sample ID: 580-90969-7

Date Collected: 11/19/19 16:00

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	2600		150		ug/L			11/27/19 20:17	50
Toluene	440		100		ug/L			11/27/19 20:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					11/27/19 20:17	50
4-Bromofluorobenzene (Surr)	95		80 - 120					11/27/19 20:17	50
Dibromofluoromethane (Surr)	99		80 - 120					11/27/19 20:17	50
Toluene-d8 (Surr)	98		80 - 120					11/27/19 20:17	50
Trifluorotoluene (Surr)	106		80 - 120					11/27/19 20:17	50

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9300		300		ug/L			11/27/19 19:52	100
Xylenes, Total	13000		300		ug/L			11/27/19 19:52	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					11/27/19 19:52	100
4-Bromofluorobenzene (Surr)	98		80 - 120					11/27/19 19:52	100
Dibromofluoromethane (Surr)	98		80 - 120					11/27/19 19:52	100
Toluene-d8 (Surr)	98		80 - 120					11/27/19 19:52	100
Trifluorotoluene (Surr)	106		80 - 120					11/27/19 19:52	100

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	62000		2500		ug/L			11/28/19 00:40	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		50 - 150					11/28/19 00:40	10
Trifluorotoluene (Surr)	101		50 - 150					11/28/19 00:40	10

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	8400		110		ug/L		11/25/19 10:14	11/25/19 22:29	1
Motor Oil (>C24-C36)	580		340		ug/L		11/25/19 10:14	11/25/19 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	126		50 - 150				11/25/19 10:14	11/25/19 22:29	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-39_20191120

Lab Sample ID: 580-90969-8

Date Collected: 11/20/19 09:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L	-		11/26/19 19:56	1
Ethylbenzene	ND		3.0		ug/L	-		11/26/19 19:56	1
Toluene	ND		2.0		ug/L	-		11/26/19 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		11/26/19 19:56	1
4-Bromofluorobenzene (Surr)	96		80 - 120		11/26/19 19:56	1
Dibromofluoromethane (Surr)	97		80 - 120		11/26/19 19:56	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 19:56	1
Trifluorotoluene (Surr)	102		80 - 120		11/26/19 19:56	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.0		ug/L	-		11/27/19 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		11/27/19 13:37	1
4-Bromofluorobenzene (Surr)	98		80 - 120		11/27/19 13:37	1
Dibromofluoromethane (Surr)	101		80 - 120		11/27/19 13:37	1
Toluene-d8 (Surr)	97		80 - 120		11/27/19 13:37	1
Trifluorotoluene (Surr)	109		80 - 120		11/27/19 13:37	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L	-		11/26/19 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150		11/26/19 20:42	1
Trifluorotoluene (Surr)	104		50 - 150		11/26/19 20:42	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L	-	11/25/19 10:14	11/25/19 22:50	1
Motor Oil (>C24-C36)	ND		340		ug/L	-	11/25/19 10:14	11/25/19 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		50 - 150	11/25/19 10:14	11/25/19 22:50	1

Client Sample ID: MW-41_20191119

Lab Sample ID: 580-90969-9

Date Collected: 11/19/19 10:35

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L	-		11/26/19 20:21	1
Ethylbenzene	ND		3.0		ug/L	-		11/26/19 20:21	1
Toluene	ND		2.0		ug/L	-		11/26/19 20:21	1
Xylenes, Total	ND		3.0		ug/L	-		11/26/19 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		11/26/19 20:21	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/26/19 20:21	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-41_20191119

Lab Sample ID: 580-90969-9

Date Collected: 11/19/19 10:35

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120		11/26/19 20:21	1
Toluene-d8 (Surr)	98		80 - 120		11/26/19 20:21	1
Trifluorotoluene (Surr)	103		80 - 120		11/26/19 20:21	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150		11/26/19 21:06	1
Trifluorotoluene (Surr)	92		50 - 150		11/26/19 21:06	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/25/19 10:14	11/25/19 23:12	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/25/19 10:14	11/25/19 23:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	62		50 - 150	11/25/19 10:14	11/25/19 23:12	1

Client Sample ID: MW-43_20191119

Lab Sample ID: 580-90969-10

Date Collected: 11/19/19 10:10

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.9		3.0		ug/L			11/26/19 20:46	1
Toluene	6.2		2.0		ug/L			11/26/19 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		11/26/19 20:46	1
4-Bromofluorobenzene (Surr)	92		80 - 120		11/26/19 20:46	1
Dibromofluoromethane (Surr)	98		80 - 120		11/26/19 20:46	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 20:46	1
Trifluorotoluene (Surr)	100		80 - 120		11/26/19 20:46	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	350		30		ug/L			11/27/19 19:02	10
Xylenes, Total	1400		30		ug/L			11/27/19 19:02	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		11/27/19 19:02	10
4-Bromofluorobenzene (Surr)	96		80 - 120		11/27/19 19:02	10
Dibromofluoromethane (Surr)	100		80 - 120		11/27/19 19:02	10
Toluene-d8 (Surr)	99		80 - 120		11/27/19 19:02	10
Trifluorotoluene (Surr)	109		80 - 120		11/27/19 19:02	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	28000		2500		ug/L			11/28/19 01:05	10

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-43_20191119

Lab Sample ID: 580-90969-10

Date Collected: 11/19/19 10:10

Matrix: Water

Date Received: 11/21/19 13:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		50 - 150		11/28/19 01:05	10
Trifluorotoluene (Surr)	94		50 - 150		11/28/19 01:05	10

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	11000		110		ug/L		11/25/19 10:14	11/25/19 23:33	1
Motor Oil (>C24-C36)	500		340		ug/L		11/25/19 10:14	11/25/19 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	108		50 - 150	11/25/19 10:14	11/25/19 23:33	1

Client Sample ID: MW-45_20191120

Lab Sample ID: 580-90969-11

Date Collected: 11/20/19 09:30

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		3.0		ug/L			11/26/19 21:11	1
Toluene	2.1		2.0		ug/L			11/26/19 21:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		11/26/19 21:11	1
4-Bromofluorobenzene (Surr)	92		80 - 120		11/26/19 21:11	1
Dibromofluoromethane (Surr)	100		80 - 120		11/26/19 21:11	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 21:11	1
Trifluorotoluene (Surr)	102		80 - 120		11/26/19 21:11	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	410		30		ug/L			11/27/19 17:22	10
Xylenes, Total	ND		30		ug/L			11/27/19 17:22	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 126		11/27/19 17:22	10
4-Bromofluorobenzene (Surr)	100		80 - 120		11/27/19 17:22	10
Dibromofluoromethane (Surr)	102		80 - 120		11/27/19 17:22	10
Toluene-d8 (Surr)	97		80 - 120		11/27/19 17:22	10
Trifluorotoluene (Surr)	110		80 - 120		11/27/19 17:22	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7100		250		ug/L			11/28/19 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	183	X	50 - 150		11/28/19 00:16	1
Trifluorotoluene (Surr)	115		50 - 150		11/28/19 00:16	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1800		110		ug/L		11/25/19 10:14	11/25/19 23:54	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/25/19 10:14	11/25/19 23:54	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-45_20191120

Date Collected: 11/20/19 09:30

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-11

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	90		50 - 150	11/25/19 10:14	11/25/19 23:54	1

Client Sample ID: MW-54_20191120

Date Collected: 11/20/19 10:05

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 21:35	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 21:35	1
Toluene	ND		2.0		ug/L			11/26/19 21:35	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		11/26/19 21:35	1
4-Bromofluorobenzene (Surr)	96		80 - 120		11/26/19 21:35	1
Dibromofluoromethane (Surr)	96		80 - 120		11/26/19 21:35	1
Toluene-d8 (Surr)	97		80 - 120		11/26/19 21:35	1
Trifluorotoluene (Surr)	100		80 - 120		11/26/19 21:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150		11/27/19 01:32	1
Trifluorotoluene (Surr)	91		50 - 150		11/27/19 01:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/29/19 09:10	11/30/19 16:22	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/29/19 09:10	11/30/19 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	65		50 - 150	11/29/19 09:10	11/30/19 16:22	1

Client Sample ID: MW-55_20191120

Date Collected: 11/20/19 10:45

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 22:00	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 22:00	1
Toluene	ND		2.0		ug/L			11/26/19 22:00	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		11/26/19 22:00	1
4-Bromofluorobenzene (Surr)	95		80 - 120		11/26/19 22:00	1
Dibromofluoromethane (Surr)	94		80 - 120		11/26/19 22:00	1
Toluene-d8 (Surr)	97		80 - 120		11/26/19 22:00	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-55_20191120

Lab Sample ID: 580-90969-13

Date Collected: 11/20/19 10:45

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		11/26/19 22:00	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		50 - 150		11/27/19 01:56	1
Trifluorotoluene (Surr)	97		50 - 150		11/27/19 01:56	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 16:43	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	74		50 - 150	11/29/19 09:10	11/30/19 16:43	1

Client Sample ID: MW-56_20191120

Lab Sample ID: 580-90969-14

Date Collected: 11/20/19 11:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	130		3.0		ug/L			11/26/19 22:25	1
Toluene	44		2.0		ug/L			11/26/19 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		11/26/19 22:25	1
4-Bromofluorobenzene (Surr)	89		80 - 120		11/26/19 22:25	1
Dibromofluoromethane (Surr)	99		80 - 120		11/26/19 22:25	1
Toluene-d8 (Surr)	98		80 - 120		11/26/19 22:25	1
Trifluorotoluene (Surr)	102		80 - 120		11/26/19 22:25	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1300		150		ug/L			11/27/19 19:27	50
Xylenes, Total	4900		150		ug/L			11/27/19 19:27	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		11/27/19 19:27	50
4-Bromofluorobenzene (Surr)	97		80 - 120		11/27/19 19:27	50
Dibromofluoromethane (Surr)	99		80 - 120		11/27/19 19:27	50
Toluene-d8 (Surr)	96		80 - 120		11/27/19 19:27	50
Trifluorotoluene (Surr)	108		80 - 120		11/27/19 19:27	50

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	28000		2500		ug/L			11/28/19 01:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150		11/28/19 01:28	10

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-56_20191120

Lab Sample ID: 580-90969-14

Date Collected: 11/20/19 11:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		50 - 150		11/28/19 01:28	10

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2600		100		ug/L		11/29/19 09:10	11/30/19 17:04	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	11/29/19 09:10	11/30/19 17:04	1

Client Sample ID: MW-57_20191120

Lab Sample ID: 580-90969-15

Date Collected: 11/20/19 11:35

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 16:55	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 16:55	1
Toluene	ND		2.0		ug/L			11/26/19 16:55	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		11/26/19 16:55	1
4-Bromofluorobenzene (Surr)	99		80 - 120		11/26/19 16:55	1
Dibromofluoromethane (Surr)	101		80 - 120		11/26/19 16:55	1
Toluene-d8 (Surr)	121	X	80 - 120		11/26/19 16:55	1
Trifluorotoluene (Surr)	96		80 - 120		11/26/19 16:55	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		50 - 150		11/27/19 08:17	1
Trifluorotoluene (Surr)	94		50 - 150		11/27/19 08:17	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/25/19 10:14	11/26/19 00:15	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/25/19 10:14	11/26/19 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150	11/25/19 10:14	11/26/19 00:15	1

Client Sample ID: MW-58_20191120

Lab Sample ID: 580-90969-16

Date Collected: 11/20/19 12:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 15:37	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 15:37	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-58_20191120

Lab Sample ID: 580-90969-16

Date Collected: 11/20/19 12:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			11/26/19 15:37	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					11/26/19 15:37	1
4-Bromofluorobenzene (Surr)	94		80 - 120					11/26/19 15:37	1
Dibromofluoromethane (Surr)	97		80 - 120					11/26/19 15:37	1
Toluene-d8 (Surr)	103		80 - 120					11/26/19 15:37	1
Trifluorotoluene (Surr)	94		80 - 120					11/26/19 15:37	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2200		250		ug/L			11/27/19 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131		50 - 150					11/27/19 23:52	1
Trifluorotoluene (Surr)	94		50 - 150					11/27/19 23:52	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	7300		100		ug/L		11/25/19 10:14	11/26/19 01:19	1
Motor Oil (>C24-C36)	2600		330		ug/L		11/25/19 10:14	11/26/19 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	116		50 - 150				11/25/19 10:14	11/26/19 01:19	1

Client Sample ID: MW-59_20191120

Lab Sample ID: 580-90969-17

Date Collected: 11/20/19 12:15

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 16:04	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 16:04	1
Toluene	ND		2.0		ug/L			11/26/19 16:04	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 126					11/26/19 16:04	1
4-Bromofluorobenzene (Surr)	96		80 - 120					11/26/19 16:04	1
Dibromofluoromethane (Surr)	94		80 - 120					11/26/19 16:04	1
Toluene-d8 (Surr)	104		80 - 120					11/26/19 16:04	1
Trifluorotoluene (Surr)	98		80 - 120					11/26/19 16:04	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1800		250		ug/L			11/27/19 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		50 - 150					11/27/19 23:28	1
Trifluorotoluene (Surr)	91		50 - 150					11/27/19 23:28	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-59_20191120

Lab Sample ID: 580-90969-17

Date Collected: 11/20/19 12:15

Matrix: Water

Date Received: 11/21/19 13:45

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	12000		100		ug/L		11/29/19 09:10	11/30/19 17:26	1
Motor Oil (>C24-C36)	2000		330		ug/L		11/29/19 09:10	11/30/19 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	93		50 - 150				11/29/19 09:10	11/30/19 17:26	1

Client Sample ID: MW-60_20191120

Lab Sample ID: 580-90969-18

Date Collected: 11/20/19 12:35

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 16:30	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 16:30	1
Toluene	ND		2.0		ug/L			11/26/19 16:30	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 126					11/26/19 16:30	1
4-Bromofluorobenzene (Surr)	87		80 - 120					11/26/19 16:30	1
Dibromofluoromethane (Surr)	93		80 - 120					11/26/19 16:30	1
Toluene-d8 (Surr)	103		80 - 120					11/26/19 16:30	1
Trifluorotoluene (Surr)	91		80 - 120					11/26/19 16:30	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150					11/27/19 02:44	1
Trifluorotoluene (Surr)	90		50 - 150					11/27/19 02:44	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	6900		110		ug/L		11/29/19 09:10	11/30/19 17:47	1
Motor Oil (>C24-C36)	800		340		ug/L		11/29/19 09:10	11/30/19 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150				11/29/19 09:10	11/30/19 17:47	1

Client Sample ID: MW-61_20191120

Lab Sample ID: 580-90969-19

Date Collected: 11/20/19 12:30

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 17:21	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 17:21	1
Toluene	ND		2.0		ug/L			11/26/19 17:21	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 17:21	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-61_20191120

Lab Sample ID: 580-90969-19

Date Collected: 11/20/19 12:30

Matrix: Water

Date Received: 11/21/19 13:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		11/26/19 17:21	1
4-Bromofluorobenzene (Surr)	92		80 - 120		11/26/19 17:21	1
Dibromofluoromethane (Surr)	94		80 - 120		11/26/19 17:21	1
Toluene-d8 (Surr)	115		80 - 120		11/26/19 17:21	1
Trifluorotoluene (Surr)	85		80 - 120		11/26/19 17:21	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 22:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		50 - 150					11/26/19 22:43	1
Trifluorotoluene (Surr)	92		50 - 150					11/26/19 22:43	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 18:08	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	79		50 - 150				11/29/19 09:10	11/30/19 18:08	1

Client Sample ID: MW-62_20191120

Lab Sample ID: 580-90969-20

Date Collected: 11/20/19 12:10

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 14:02	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 14:02	1
Toluene	ND		2.0		ug/L			11/27/19 14:02	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 14:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 126					11/27/19 14:02	1
4-Bromofluorobenzene (Surr)	100		80 - 120					11/27/19 14:02	1
Dibromofluoromethane (Surr)	100		80 - 120					11/27/19 14:02	1
Toluene-d8 (Surr)	97		80 - 120					11/27/19 14:02	1
Trifluorotoluene (Surr)	107		80 - 120					11/27/19 14:02	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150					11/27/19 03:08	1
Trifluorotoluene (Surr)	102		50 - 150					11/27/19 03:08	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 19:33	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 19:33	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-62_20191120

Date Collected: 11/20/19 12:10

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-20

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	70		50 - 150	11/29/19 09:10	11/30/19 19:33	1

Client Sample ID: MW-63_20191120

Date Collected: 11/20/19 11:40

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-21

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 14:28	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 14:28	1
Toluene	ND		2.0		ug/L			11/27/19 14:28	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 126		11/27/19 14:28	1
4-Bromofluorobenzene (Surr)	99		80 - 120		11/27/19 14:28	1
Dibromofluoromethane (Surr)	101		80 - 120		11/27/19 14:28	1
Toluene-d8 (Surr)	100		80 - 120		11/27/19 14:28	1
Trifluorotoluene (Surr)	110		80 - 120		11/27/19 14:28	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		11/27/19 03:32	1
Trifluorotoluene (Surr)	90		50 - 150		11/27/19 03:32	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/29/19 09:10	11/30/19 19:54	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	79		50 - 150	11/29/19 09:10	11/30/19 19:54	1

Client Sample ID: MW-64_20191119

Date Collected: 11/19/19 09:40

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-22

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 22:51	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 22:51	1
Toluene	ND		2.0		ug/L			11/26/19 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		11/26/19 22:51	1
4-Bromofluorobenzene (Surr)	94		80 - 120		11/26/19 22:51	1
Dibromofluoromethane (Surr)	99		80 - 120		11/26/19 22:51	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 22:51	1
Trifluorotoluene (Surr)	103		80 - 120		11/26/19 22:51	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-64_20191119

Lab Sample ID: 580-90969-22

Date Collected: 11/19/19 09:40

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.0		ug/L			11/27/19 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 126					11/27/19 13:12	1
4-Bromofluorobenzene (Surr)	95		80 - 120					11/27/19 13:12	1
Dibromofluoromethane (Surr)	102		80 - 120					11/27/19 13:12	1
Toluene-d8 (Surr)	98		80 - 120					11/27/19 13:12	1
Trifluorotoluene (Surr)	110		80 - 120					11/27/19 13:12	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1200		250		ug/L			11/28/19 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		50 - 150					11/28/19 02:16	1
Trifluorotoluene (Surr)	90		50 - 150					11/28/19 02:16	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3100		110		ug/L		11/29/19 09:10	11/30/19 20:15	1
Motor Oil (>C24-C36)	670		340		ug/L		11/29/19 09:10	11/30/19 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	53		50 - 150				11/29/19 09:10	11/30/19 20:15	1

Client Sample ID: MW-66_20191119

Lab Sample ID: 580-90969-23

Date Collected: 11/19/19 13:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 23:16	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 23:16	1
Toluene	ND		2.0		ug/L			11/26/19 23:16	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					11/26/19 23:16	1
4-Bromofluorobenzene (Surr)	97		80 - 120					11/26/19 23:16	1
Dibromofluoromethane (Surr)	96		80 - 120					11/26/19 23:16	1
Toluene-d8 (Surr)	97		80 - 120					11/26/19 23:16	1
Trifluorotoluene (Surr)	102		80 - 120					11/26/19 23:16	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 03:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		50 - 150					11/27/19 03:56	1
Trifluorotoluene (Surr)	104		50 - 150					11/27/19 03:56	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-66_20191119

Lab Sample ID: 580-90969-23

Date Collected: 11/19/19 13:05

Matrix: Water

Date Received: 11/21/19 13:45

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	130		110		ug/L		11/29/19 09:10	11/30/19 20:36	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/29/19 09:10	11/30/19 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150				11/29/19 09:10	11/30/19 20:36	1

Client Sample ID: MW-67_20191120

Lab Sample ID: 580-90969-24

Date Collected: 11/20/19 10:50

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 14:52	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 14:52	1
Toluene	ND		2.0		ug/L			11/27/19 14:52	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 126					11/27/19 14:52	1
4-Bromofluorobenzene (Surr)	97		80 - 120					11/27/19 14:52	1
Dibromofluoromethane (Surr)	101		80 - 120					11/27/19 14:52	1
Toluene-d8 (Surr)	99		80 - 120					11/27/19 14:52	1
Trifluorotoluene (Surr)	112		80 - 120					11/27/19 14:52	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		50 - 150					11/27/19 04:45	1
Trifluorotoluene (Surr)	92		50 - 150					11/27/19 04:45	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 20:57	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 20:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150				11/29/19 09:10	11/30/19 20:57	1

Client Sample ID: MW-68_20191120

Lab Sample ID: 580-90969-25

Date Collected: 11/20/19 11:10

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 15:18	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 15:18	1
Toluene	ND		2.0		ug/L			11/27/19 15:18	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 15:18	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-68_20191120

Lab Sample ID: 580-90969-25

Date Collected: 11/20/19 11:10

Matrix: Water

Date Received: 11/21/19 13:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 126		11/27/19 15:18	1
4-Bromofluorobenzene (Surr)	100		80 - 120		11/27/19 15:18	1
Dibromofluoromethane (Surr)	99		80 - 120		11/27/19 15:18	1
Toluene-d8 (Surr)	100		80 - 120		11/27/19 15:18	1
Trifluorotoluene (Surr)	112		80 - 120		11/27/19 15:18	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					11/27/19 05:09	1
Trifluorotoluene (Surr)	94		50 - 150					11/27/19 05:09	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 21:19	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 21:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	71		50 - 150				11/29/19 09:10	11/30/19 21:19	1

Client Sample ID: MW-69_20191120

Lab Sample ID: 580-90969-26

Date Collected: 11/20/19 11:50

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 15:43	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 15:43	1
Toluene	ND		2.0		ug/L			11/27/19 15:43	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 126					11/27/19 15:43	1
4-Bromofluorobenzene (Surr)	100		80 - 120					11/27/19 15:43	1
Dibromofluoromethane (Surr)	102		80 - 120					11/27/19 15:43	1
Toluene-d8 (Surr)	98		80 - 120					11/27/19 15:43	1
Trifluorotoluene (Surr)	111		80 - 120					11/27/19 15:43	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 05:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		50 - 150					11/27/19 05:33	1
Trifluorotoluene (Surr)	91		50 - 150					11/27/19 05:33	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 21:40	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 21:40	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-69_20191120

Lab Sample ID: 580-90969-26

Date Collected: 11/20/19 11:50

Matrix: Water

Date Received: 11/21/19 13:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	61		50 - 150	11/29/19 09:10	11/30/19 21:40	1

Client Sample ID: MW-70_20191120

Lab Sample ID: 580-90969-27

Date Collected: 11/20/19 13:00

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 16:13	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 16:13	1
Toluene	ND		2.0		ug/L			11/27/19 16:13	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		11/27/19 16:13	1
4-Bromofluorobenzene (Surr)	90		80 - 120		11/27/19 16:13	1
Dibromofluoromethane (Surr)	95		80 - 120		11/27/19 16:13	1
Toluene-d8 (Surr)	102		80 - 120		11/27/19 16:13	1
Trifluorotoluene (Surr)	89		80 - 120		11/27/19 16:13	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150		11/27/19 05:57	1
Trifluorotoluene (Surr)	93		50 - 150		11/27/19 05:57	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		100		ug/L		11/29/19 09:10	11/30/19 22:01	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	70		50 - 150	11/29/19 09:10	11/30/19 22:01	1

Client Sample ID: MW-71_20191119

Lab Sample ID: 580-90969-28

Date Collected: 11/19/19 09:10

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 23:41	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 23:41	1
Toluene	ND		2.0		ug/L			11/26/19 23:41	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		11/26/19 23:41	1
4-Bromofluorobenzene (Surr)	98		80 - 120		11/26/19 23:41	1
Dibromofluoromethane (Surr)	96		80 - 120		11/26/19 23:41	1
Toluene-d8 (Surr)	98		80 - 120		11/26/19 23:41	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-71_20191119

Lab Sample ID: 580-90969-28

Date Collected: 11/19/19 09:10

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		11/26/19 23:41	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		50 - 150		11/27/19 06:22	1
Trifluorotoluene (Surr)	92		50 - 150		11/27/19 06:22	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/29/19 09:10	11/30/19 22:22	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/29/19 09:10	11/30/19 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	64		50 - 150	11/29/19 09:10	11/30/19 22:22	1

Client Sample ID: AG-WELL_20191120

Lab Sample ID: 580-90969-29

Date Collected: 11/20/19 10:25

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 16:38	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 16:38	1
Toluene	2.0		2.0		ug/L			11/27/19 16:38	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		11/27/19 16:38	1
4-Bromofluorobenzene (Surr)	91		80 - 120		11/27/19 16:38	1
Dibromofluoromethane (Surr)	100		80 - 120		11/27/19 16:38	1
Toluene-d8 (Surr)	105		80 - 120		11/27/19 16:38	1
Trifluorotoluene (Surr)	94		80 - 120		11/27/19 16:38	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 06:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150		11/27/19 06:46	1
Trifluorotoluene (Surr)	90		50 - 150		11/27/19 06:46	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	200		100		ug/L		11/29/19 09:10	11/30/19 23:04	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	11/29/19 09:10	11/30/19 23:04	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: Trip Blank-1_20191119

Lab Sample ID: 580-90969-30

Date Collected: 11/19/19 00:01

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 16:10	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 16:10	1
Toluene	ND		2.0		ug/L			11/26/19 16:10	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		11/26/19 16:10	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/26/19 16:10	1
Dibromofluoromethane (Surr)	99		80 - 120		11/26/19 16:10	1
Toluene-d8 (Surr)	98		80 - 120		11/26/19 16:10	1
Trifluorotoluene (Surr)	102		80 - 120		11/26/19 16:10	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150		11/26/19 14:47	1
Trifluorotoluene (Surr)	94		50 - 150		11/26/19 14:47	1

Client Sample ID: Trip Blank-2_20191119

Lab Sample ID: 580-90969-31

Date Collected: 11/19/19 00:01

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 16:35	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 16:35	1
Toluene	ND		2.0		ug/L			11/26/19 16:35	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		11/26/19 16:35	1
4-Bromofluorobenzene (Surr)	96		80 - 120		11/26/19 16:35	1
Dibromofluoromethane (Surr)	100		80 - 120		11/26/19 16:35	1
Toluene-d8 (Surr)	99		80 - 120		11/26/19 16:35	1
Trifluorotoluene (Surr)	104		80 - 120		11/26/19 16:35	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 15:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		50 - 150		11/26/19 15:12	1
Trifluorotoluene (Surr)	98		50 - 150		11/26/19 15:12	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: Dup-1_20191119

Lab Sample ID: 580-90969-33

Date Collected: 11/19/19 07:00

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.9		2.0		ug/L			11/27/19 00:06	1
Xylenes, Total	33		3.0		ug/L			11/27/19 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 126					11/27/19 00:06	1
4-Bromofluorobenzene (Surr)	92		80 - 120					11/27/19 00:06	1
Dibromofluoromethane (Surr)	98		80 - 120					11/27/19 00:06	1
Toluene-d8 (Surr)	99		80 - 120					11/27/19 00:06	1
Trifluorotoluene (Surr)	104		80 - 120					11/27/19 00:06	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	910		30		ug/L			11/27/19 17:48	10
Ethylbenzene	910		30		ug/L			11/27/19 17:48	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 126					11/27/19 17:48	10
4-Bromofluorobenzene (Surr)	100		80 - 120					11/27/19 17:48	10
Dibromofluoromethane (Surr)	102		80 - 120					11/27/19 17:48	10
Toluene-d8 (Surr)	101		80 - 120					11/27/19 17:48	10
Trifluorotoluene (Surr)	111		80 - 120					11/27/19 17:48	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	9300		250		ug/L			11/27/19 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	X	50 - 150					11/27/19 07:10	1
Trifluorotoluene (Surr)	127		50 - 150					11/27/19 07:10	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3200		100		ug/L		11/29/19 09:10	11/30/19 23:25	1
Motor Oil (>C24-C36)	ND		330		ug/L		11/29/19 09:10	11/30/19 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150				11/29/19 09:10	11/30/19 23:25	1

Client Sample ID: Dup-2_20191120

Lab Sample ID: 580-90969-34

Date Collected: 11/20/19 08:00

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12		3.0		ug/L			11/27/19 17:04	1
Toluene	ND		2.0		ug/L			11/27/19 17:04	1
Xylenes, Total	6.7		3.0		ug/L			11/27/19 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 126					11/27/19 17:04	1
4-Bromofluorobenzene (Surr)	99		80 - 120					11/27/19 17:04	1
Dibromofluoromethane (Surr)	95		80 - 120					11/27/19 17:04	1

Eurofins TestAmerica, Seattle

Client Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: Dup-2_20191120

Lab Sample ID: 580-90969-34

Date Collected: 11/20/19 08:00

Matrix: Water

Date Received: 11/21/19 13:45

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	107		80 - 120		11/27/19 17:04	1
Trifluorotoluene (Surr)	93		80 - 120		11/27/19 17:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	330		30		ug/L			11/28/19 18:00	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		11/28/19 18:00	10
4-Bromofluorobenzene (Surr)	96		80 - 120		11/28/19 18:00	10
Dibromofluoromethane (Surr)	97		80 - 120		11/28/19 18:00	10
Toluene-d8 (Surr)	105		80 - 120		11/28/19 18:00	10
Trifluorotoluene (Surr)	96		80 - 120		11/28/19 18:00	10

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6700		250		ug/L			11/28/19 02:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	X	50 - 150		11/28/19 02:40	1
Trifluorotoluene (Surr)	99		50 - 150		11/28/19 02:40	1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1700		110		ug/L		11/29/19 09:10	11/30/19 23:47	1
Motor Oil (>C24-C36)	ND		340		ug/L		11/29/19 09:10	11/30/19 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	11/29/19 09:10	11/30/19 23:47	1

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)				
		DCA (80-126)	BFB (80-120)	DBFM (80-120)	TOL (80-120)	TFT (80-120)
580-90969-1	C_20191119	106	95	101	99	105
580-90969-2	MW-2_20191119	107	96	103	98	106
580-90969-3	MW-14_20191119	103	94	101	101	108
580-90969-4	MW-19_20191119	100	98	98	99	108
580-90969-4 - DL	MW-19_20191119	105	100	100	97	110
580-90969-5	MW-20_20191120	104	95	98	99	104
580-90969-6	MW-21_20191119	101	93	102	95	104
580-90969-6 - DL	MW-21_20191119	107	97	102	99	109
580-90969-7 - DL	MW-35_20191119	102	98	98	98	106
580-90969-7	MW-35_20191119	99	95	99	98	106
580-90969-8	MW-39_20191120	97	96	97	99	102
580-90969-8 - RA	MW-39_20191120	103	98	101	97	109
580-90969-9	MW-41_20191119	104	97	97	98	103
580-90969-10	MW-43_20191119	102	92	98	99	100
580-90969-10 - DL	MW-43_20191119	104	96	100	99	109
580-90969-11	MW-45_20191120	101	92	100	99	102
580-90969-11 - DL	MW-45_20191120	107	100	102	97	110
580-90969-12	MW-54_20191120	102	96	96	97	100
580-90969-13	MW-55_20191120	102	95	94	97	100
580-90969-14	MW-56_20191120	101	89	99	98	102
580-90969-14 - DL	MW-56_20191120	104	97	99	96	108
580-90969-15	MW-57_20191120	101	99	101	121 X	96
580-90969-15 MS	MW-57_20191120	97	96	95	109	101
580-90969-15 MSD	MW-57_20191120	94	95	102	103	96
580-90969-16	MW-58_20191120	101	94	97	103	94
580-90969-17	MW-59_20191120	94	96	94	104	98
580-90969-18	MW-60_20191120	94	87	93	103	91
580-90969-19	MW-61_20191120	98	92	94	115	85
580-90969-19 MS	MW-61_20191120	94	93	97	98	91
580-90969-19 MSD	MW-61_20191120	97	95	95	106	90
580-90969-20	MW-62_20191120	106	100	100	97	107
580-90969-21	MW-63_20191120	109	99	101	100	110
580-90969-22	MW-64_20191119	103	94	99	99	103
580-90969-22 - RA	MW-64_20191119	107	95	102	98	110
580-90969-23	MW-66_20191119	103	97	96	97	102
580-90969-24	MW-67_20191120	109	97	101	99	112
580-90969-25	MW-68_20191120	108	100	99	100	112
580-90969-26	MW-69_20191120	110	100	102	98	111
580-90969-27	MW-70_20191120	99	90	95	102	89
580-90969-28	MW-71_20191119	104	98	96	98	104
580-90969-29	AG-WELL_20191120	101	91	100	105	94
580-90969-30	Trip Blank-1_20191119	105	97	99	98	102
580-90969-31	Trip Blank-2_20191119	105	96	100	99	104
580-90969-33	Dup-1_20191119	98	92	98	99	104
580-90969-33 - DL	Dup-1_20191119	108	100	102	101	111
580-90969-34	Dup-2_20191120	95	99	95	107	93
580-90969-34 - DL	Dup-2_20191120	95	96	97	105	96
LCS 580-317672/13	Lab Control Sample	94	88	92	103	97
LCS 580-317733/3	Lab Control Sample	102	99	103	97	106

Eurofins TestAmerica, Seattle

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)				
		DCA (80-126)	BFB (80-120)	DBFM (80-120)	TOL (80-120)	TFT (80-120)
LCS 580-317801/4	Lab Control Sample	97	93	96	102	92
LCS 580-317809/3	Lab Control Sample	100	99	101	99	106
LCS 580-317875/4	Lab Control Sample	98	94	99	105	93
LCSD 580-317672/14	Lab Control Sample Dup	101	95	101	105	90
LCSD 580-317733/4	Lab Control Sample Dup	102	97	105	99	108
LCSD 580-317801/5	Lab Control Sample Dup	94	93	95	105	92
LCSD 580-317809/4	Lab Control Sample Dup	101	101	103	98	106
LCSD 580-317875/5	Lab Control Sample Dup	94	95	100	103	91
MB 580-317672/12	Method Blank	96	90	95	114	87
MB 580-317733/6	Method Blank	103	97	98	98	101
MB 580-317801/7	Method Blank	98	92	97	102	92
MB 580-317809/6	Method Blank	106	97	96	97	109
MB 580-317875/7	Method Blank	98	89	95	106	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
TFT = Trifluorotoluene (Surr)

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (50-150)	TFT1 (50-150)
580-90969-1	C_20191119	111	107
580-90969-2	MW-2_20191119	103	93
580-90969-3	MW-14_20191119	102	94
580-90969-4	MW-19_20191119	164 X	140
580-90969-5	MW-20_20191120	103	96
580-90969-6	MW-21_20191119	182 X	132
580-90969-7	MW-35_20191119	114	101
580-90969-8	MW-39_20191120	105	104
580-90969-9	MW-41_20191119	102	92
580-90969-10	MW-43_20191119	106	94
580-90969-11	MW-45_20191120	183 X	115
580-90969-12	MW-54_20191120	96	91
580-90969-13	MW-55_20191120	104	97
580-90969-14	MW-56_20191120	105	95
580-90969-15	MW-57_20191120	106	94
580-90969-15 MS	MW-57_20191120	111	99
580-90969-15 MSD	MW-57_20191120	101	93
580-90969-16	MW-58_20191120	131	94
580-90969-17	MW-59_20191120	119	91
580-90969-18	MW-60_20191120	102	90
580-90969-19	MW-61_20191120	103	92
580-90969-19 MS	MW-61_20191120	99	92
580-90969-19 MSD	MW-61_20191120	104	107
580-90969-20	MW-62_20191120	105	102

Eurofins TestAmerica, Seattle

Surrogate Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (50-150)	TFT1 (50-150)
580-90969-21	MW-63_20191120	98	90
580-90969-22	MW-64_20191119	129	90
580-90969-23	MW-66_20191119	107	104
580-90969-24	MW-67_20191120	104	92
580-90969-25	MW-68_20191120	100	94
580-90969-26	MW-69_20191120	103	91
580-90969-27	MW-70_20191120	102	93
580-90969-28	MW-71_20191119	101	92
580-90969-29	AG-WELL_20191120	100	90
580-90969-30	Trip Blank-1_20191119	105	94
580-90969-31	Trip Blank-2_20191119	101	98
580-90969-33	Dup-1_20191119	173 X	127
580-90969-34	Dup-2_20191120	175 X	99
LCS 580-317719/8	Lab Control Sample	109	98
LCS 580-317722/36	Lab Control Sample	105	91
LCS 580-317821/33	Lab Control Sample	104	109
LCSD 580-317719/9	Lab Control Sample Dup	103	99
LCSD 580-317722/37	Lab Control Sample Dup	108	96
LCSD 580-317821/34	Lab Control Sample Dup	107	95
MB 580-317719/7	Method Blank	100	98
MB 580-317722/35	Method Blank	104	102
MB 580-317821/32	Method Blank	97	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

TFT = Trifluorotoluene (Surr)

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	OTPH (50-150)	
580-90969-1	C_20191119	71	
580-90969-2	MW-2_20191119	79	
580-90969-3	MW-14_20191119	75	
580-90969-4	MW-19_20191119	74	
580-90969-5	MW-20_20191120	72	
580-90969-6	MW-21_20191119	94	
580-90969-7	MW-35_20191119	126	
580-90969-8	MW-39_20191120	69	
580-90969-9	MW-41_20191119	62	
580-90969-10	MW-43_20191119	108	
580-90969-11	MW-45_20191120	90	
580-90969-12	MW-54_20191120	65	
580-90969-13	MW-55_20191120	74	
580-90969-14	MW-56_20191120	84	
580-90969-15	MW-57_20191120	79	
580-90969-15 MS	MW-57_20191120	92	
580-90969-15 MSD	MW-57_20191120	89	
580-90969-16	MW-58_20191120	116	

Eurofins TestAmerica, Seattle

Surrogate Summary

Client: Antea USA Inc.

Job ID: 580-90969-1

Project/Site: BP - OPLC - Allen Station

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTPH (50-150)
580-90969-17	MW-59_20191120	93
580-90969-18	MW-60_20191120	97
580-90969-19	MW-61_20191120	79
580-90969-19 MS	MW-61_20191120	96
580-90969-19 MSD	MW-61_20191120	80
580-90969-20	MW-62_20191120	70
580-90969-21	MW-63_20191120	79
580-90969-22	MW-64_20191119	53
580-90969-23	MW-66_20191119	85
580-90969-24	MW-67_20191120	75
580-90969-25	MW-68_20191120	71
580-90969-26	MW-69_20191120	61
580-90969-27	MW-70_20191120	70
580-90969-28	MW-71_20191119	64
580-90969-29	AG-WELL_20191120	81
580-90969-33	Dup-1_20191119	77
580-90969-34	Dup-2_20191120	86
LCS 580-317600/2-A	Lab Control Sample	103
LCS 580-317895/2-A	Lab Control Sample	96
LCSD 580-317600/3-A	Lab Control Sample Dup	96
LCSD 580-317895/3-A	Lab Control Sample Dup	93
MB 580-317600/1-A	Method Blank	73
MB 580-317895/1-A	Method Blank	87

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-317672/12

Matrix: Water

Analysis Batch: 317672

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 13:56	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 13:56	1
Toluene	ND		2.0		ug/L			11/26/19 13:56	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		80 - 126		11/26/19 13:56	1
4-Bromofluorobenzene (Surr)	90		80 - 120		11/26/19 13:56	1
Dibromofluoromethane (Surr)	95		80 - 120		11/26/19 13:56	1
Toluene-d8 (Surr)	114		80 - 120		11/26/19 13:56	1
Trifluorotoluene (Surr)	87		80 - 120		11/26/19 13:56	1

Lab Sample ID: LCS 580-317672/13

Matrix: Water

Analysis Batch: 317672

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.75		ug/L		98	75 - 121
Ethylbenzene	10.0	10.8		ug/L		108	80 - 120
Toluene	10.0	10.9		ug/L		109	80 - 120
Xylenes, Total	20.0	19.5		ug/L		98	80 - 120
o-Xylene	10.0	9.32		ug/L		93	80 - 120
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 126
4-Bromofluorobenzene (Surr)	88		80 - 120
Dibromofluoromethane (Surr)	92		80 - 120
Toluene-d8 (Surr)	103		80 - 120
Trifluorotoluene (Surr)	97		80 - 120

Lab Sample ID: LCSD 580-317672/14

Matrix: Water

Analysis Batch: 317672

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.1		ug/L		101	75 - 121	3	14
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120	3	14
Toluene	10.0	10.7		ug/L		107	80 - 120	2	19
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120	3	16
o-Xylene	10.0	10.2		ug/L		102	80 - 120	9	16
m-Xylene & p-Xylene	10.0	9.95		ug/L		99	80 - 120	2	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-317672/14

Matrix: Water

Analysis Batch: 317672

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	105		80 - 120
Trifluorotoluene (Surr)	90		80 - 120

Lab Sample ID: 580-90969-15 MS

Matrix: Water

Analysis Batch: 317672

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		10.0	10.9		ug/L		109	75 - 121
Ethylbenzene	ND		10.0	11.9		ug/L		119	80 - 120
Toluene	ND		10.0	11.9		ug/L		119	80 - 120
Xylenes, Total	ND		20.0	23.1		ug/L		116	80 - 120
o-Xylene	ND		10.0	11.6		ug/L		116	80 - 120
m-Xylene & p-Xylene	ND		10.0	11.5		ug/L		115	80 - 120

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 126
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
Toluene-d8 (Surr)	109		80 - 120
Trifluorotoluene (Surr)	101		80 - 120

Lab Sample ID: 580-90969-15 MSD

Matrix: Water

Analysis Batch: 317672

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		10.0	10.5		ug/L		105	75 - 121	4	14
Ethylbenzene	ND		10.0	11.4		ug/L		114	80 - 120	4	14
Toluene	ND		10.0	11.1		ug/L		111	80 - 120	7	19
Xylenes, Total	ND		20.0	21.4		ug/L		107	80 - 120	8	16
o-Xylene	ND		10.0	11.0		ug/L		110	80 - 120	6	16
m-Xylene & p-Xylene	ND		10.0	10.4		ug/L		104	80 - 120	10	14

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 126
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	103		80 - 120
Trifluorotoluene (Surr)	96		80 - 120

Lab Sample ID: 580-90969-19 MS

Matrix: Water

Analysis Batch: 317672

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		10.0	10.8		ug/L		108	75 - 121
Ethylbenzene	ND		10.0	12.0		ug/L		120	80 - 120

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-90969-19 MS

Matrix: Water

Analysis Batch: 317672

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		10.0	11.1		ug/L		111	80 - 120
Xylenes, Total	ND		20.0	21.8		ug/L		109	80 - 120
o-Xylene	ND		10.0	10.8		ug/L		108	80 - 120
m-Xylene & p-Xylene	ND		10.0	11.0		ug/L		110	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 126
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	98		80 - 120
Trifluorotoluene (Surr)	91		80 - 120

Lab Sample ID: 580-90969-19 MSD

Matrix: Water

Analysis Batch: 317672

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		10.0	10.3		ug/L		103	75 - 121	5	14
Ethylbenzene	ND		10.0	11.4		ug/L		114	80 - 120	5	14
Toluene	ND		10.0	11.6		ug/L		116	80 - 120	5	19
Xylenes, Total	ND		20.0	21.5		ug/L		108	80 - 120	1	16
o-Xylene	ND		10.0	10.8		ug/L		108	80 - 120	0	16
m-Xylene & p-Xylene	ND		10.0	10.7		ug/L		107	80 - 120	3	14

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 126
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
Toluene-d8 (Surr)	106		80 - 120
Trifluorotoluene (Surr)	90		80 - 120

Lab Sample ID: MB 580-317733/6

Matrix: Water

Analysis Batch: 317733

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/26/19 15:45	1
Ethylbenzene	ND		3.0		ug/L			11/26/19 15:45	1
Toluene	ND		2.0		ug/L			11/26/19 15:45	1
Xylenes, Total	ND		3.0		ug/L			11/26/19 15:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		11/26/19 15:45	1
4-Bromofluorobenzene (Surr)	97		80 - 120		11/26/19 15:45	1
Dibromofluoromethane (Surr)	98		80 - 120		11/26/19 15:45	1
Toluene-d8 (Surr)	98		80 - 120		11/26/19 15:45	1
Trifluorotoluene (Surr)	101		80 - 120		11/26/19 15:45	1

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-317733/3

Matrix: Water

Analysis Batch: 317733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.57		ug/L		96	75 - 121
Ethylbenzene	10.0	10.4		ug/L		104	80 - 120
Toluene	10.0	9.51		ug/L		95	80 - 120
Xylenes, Total	20.0	20.9		ug/L		105	80 - 120
o-Xylene	10.0	10.6		ug/L		106	80 - 120
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 126
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	97		80 - 120
Trifluorotoluene (Surr)	106		80 - 120

Lab Sample ID: LCSD 580-317733/4

Matrix: Water

Analysis Batch: 317733

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.17		ug/L		92	75 - 121	4	14
Ethylbenzene	10.0	9.75		ug/L		97	80 - 120	6	14
Toluene	10.0	9.26		ug/L		93	80 - 120	3	19
Xylenes, Total	20.0	19.6		ug/L		98	80 - 120	7	16
o-Xylene	10.0	9.95		ug/L		100	80 - 120	6	16
m-Xylene & p-Xylene	10.0	9.60		ug/L		96	80 - 120	7	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 126
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	99		80 - 120
Trifluorotoluene (Surr)	108		80 - 120

Lab Sample ID: MB 580-317801/7

Matrix: Water

Analysis Batch: 317801

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 11:58	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 11:58	1
Toluene	ND		2.0		ug/L			11/27/19 11:58	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 11:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		11/27/19 11:58	1
4-Bromofluorobenzene (Surr)	92		80 - 120		11/27/19 11:58	1
Dibromofluoromethane (Surr)	97		80 - 120		11/27/19 11:58	1

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-317801/7

Matrix: Water

Analysis Batch: 317801

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		11/27/19 11:58	1
Trifluorotoluene (Surr)	92		80 - 120		11/27/19 11:58	1

Lab Sample ID: LCS 580-317801/4

Matrix: Water

Analysis Batch: 317801

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.80		ug/L		98	75 - 121
Ethylbenzene	10.0	10.5		ug/L		105	80 - 120
Toluene	10.0	10.8		ug/L		108	80 - 120
Xylenes, Total	20.0	19.8		ug/L		99	80 - 120
o-Xylene	10.0	10.0		ug/L		100	80 - 120
m-Xylene & p-Xylene	10.0	9.82		ug/L		98	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 126
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	102		80 - 120
Trifluorotoluene (Surr)	92		80 - 120

Lab Sample ID: LCSD 580-317801/5

Matrix: Water

Analysis Batch: 317801

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.40		ug/L		94	75 - 121	4	14
Ethylbenzene	10.0	10.6		ug/L		106	80 - 120	1	14
Toluene	10.0	10.6		ug/L		106	80 - 120	2	19
Xylenes, Total	20.0	19.9		ug/L		99	80 - 120	0	16
o-Xylene	10.0	10.1		ug/L		101	80 - 120	1	16
m-Xylene & p-Xylene	10.0	9.77		ug/L		98	80 - 120	1	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 126
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
Toluene-d8 (Surr)	105		80 - 120
Trifluorotoluene (Surr)	92		80 - 120

Lab Sample ID: MB 580-317809/6

Matrix: Water

Analysis Batch: 317809

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/27/19 11:57	1
Ethylbenzene	ND		3.0		ug/L			11/27/19 11:57	1

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-317809/6

Matrix: Water

Analysis Batch: 317809

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			11/27/19 11:57	1
Xylenes, Total	ND		3.0		ug/L			11/27/19 11:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 126					11/27/19 11:57	1
4-Bromofluorobenzene (Surr)	97		80 - 120					11/27/19 11:57	1
Dibromofluoromethane (Surr)	96		80 - 120					11/27/19 11:57	1
Toluene-d8 (Surr)	97		80 - 120					11/27/19 11:57	1
Trifluorotoluene (Surr)	109		80 - 120					11/27/19 11:57	1

Lab Sample ID: LCS 580-317809/3

Matrix: Water

Analysis Batch: 317809

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.79		ug/L		98	75 - 121
Ethylbenzene	10.0	10.6		ug/L		106	80 - 120
Toluene	10.0	9.90		ug/L		99	80 - 120
Xylenes, Total	20.0	20.9		ug/L		105	80 - 120
o-Xylene	10.0	10.4		ug/L		104	80 - 120
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	100		80 - 126				
4-Bromofluorobenzene (Surr)	99		80 - 120				
Dibromofluoromethane (Surr)	101		80 - 120				
Toluene-d8 (Surr)	99		80 - 120				
Trifluorotoluene (Surr)	106		80 - 120				

Lab Sample ID: LCSD 580-317809/4

Matrix: Water

Analysis Batch: 317809

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.34		ug/L		93	75 - 121	5	14
Ethylbenzene	10.0	10.0		ug/L		100	80 - 120	6	14
Toluene	10.0	9.47		ug/L		95	80 - 120	4	19
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120	3	16
o-Xylene	10.0	10.1		ug/L		101	80 - 120	3	16
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	80 - 120	4	14
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	101		80 - 126						
4-Bromofluorobenzene (Surr)	101		80 - 120						
Dibromofluoromethane (Surr)	103		80 - 120						
Toluene-d8 (Surr)	98		80 - 120						
Trifluorotoluene (Surr)	106		80 - 120						

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QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-317875/7

Matrix: Water

Analysis Batch: 317875

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			11/28/19 12:29	1
Ethylbenzene	ND		3.0		ug/L			11/28/19 12:29	1
Toluene	ND		2.0		ug/L			11/28/19 12:29	1
Xylenes, Total	ND		3.0		ug/L			11/28/19 12:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		11/28/19 12:29	1
4-Bromofluorobenzene (Surr)	89		80 - 120		11/28/19 12:29	1
Dibromofluoromethane (Surr)	95		80 - 120		11/28/19 12:29	1
Toluene-d8 (Surr)	106		80 - 120		11/28/19 12:29	1
Trifluorotoluene (Surr)	94		80 - 120		11/28/19 12:29	1

Lab Sample ID: LCS 580-317875/4

Matrix: Water

Analysis Batch: 317875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.14		ug/L		91	75 - 121
Ethylbenzene	10.0	9.79		ug/L		98	80 - 120
Toluene	10.0	9.91		ug/L		99	80 - 120
Xylenes, Total	20.0	18.6		ug/L		93	80 - 120
o-Xylene	10.0	9.40		ug/L		94	80 - 120
m-Xylene & p-Xylene	10.0	9.20		ug/L		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	94		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	105		80 - 120
Trifluorotoluene (Surr)	93		80 - 120

Lab Sample ID: LCSD 580-317875/5

Matrix: Water

Analysis Batch: 317875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	8.69		ug/L		87	75 - 121	5	14
Ethylbenzene	10.0	9.24		ug/L		92	80 - 120	6	14
Toluene	10.0	9.45		ug/L		94	80 - 120	5	19
Xylenes, Total	20.0	17.9		ug/L		89	80 - 120	4	16
o-Xylene	10.0	9.11		ug/L		91	80 - 120	3	16
m-Xylene & p-Xylene	10.0	8.74		ug/L		87	80 - 120	5	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 126
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-317875/5

Matrix: Water

Analysis Batch: 317875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	103		80 - 120
Trifluorotoluene (Surr)	91		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-317719/7

Matrix: Water

Analysis Batch: 317719

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/26/19 10:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					11/26/19 10:22	1
Trifluorotoluene (Surr)	98		50 - 150					11/26/19 10:22	1

Lab Sample ID: LCS 580-317719/8

Matrix: Water

Analysis Batch: 317719

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	966		ug/L		97	79 - 120
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	109		50 - 150				
Trifluorotoluene (Surr)	98		50 - 150				

Lab Sample ID: LCSD 580-317719/9

Matrix: Water

Analysis Batch: 317719

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	949		ug/L		95	79 - 120	2	10
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		50 - 150						
Trifluorotoluene (Surr)	99		50 - 150						

Lab Sample ID: 580-90969-19 MS

Matrix: Water

Analysis Batch: 317719

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	ND		1000	1010		ug/L		101	79 - 120
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		50 - 150						

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 580-90969-19 MS

Matrix: Water

Analysis Batch: 317719

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	92		50 - 150

Lab Sample ID: 580-90969-19 MSD

Matrix: Water

Analysis Batch: 317719

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	ND		1000	1040		ug/L	-	104	79 - 120	3	10
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		50 - 150								
Trifluorotoluene (Surr)	107		50 - 150								

Lab Sample ID: MB 580-317722/35

Matrix: Water

Analysis Batch: 317722

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L	-		11/27/19 00:19	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		50 - 150					11/27/19 00:19	1
Trifluorotoluene (Surr)	102		50 - 150					11/27/19 00:19	1

Lab Sample ID: LCS 580-317722/36

Matrix: Water

Analysis Batch: 317722

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	1000	935		ug/L	-	93	79 - 120		
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		50 - 150						
Trifluorotoluene (Surr)	91		50 - 150						

Lab Sample ID: LCSD 580-317722/37

Matrix: Water

Analysis Batch: 317722

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	962		ug/L	-	96	79 - 120	3	10
Surrogate	LCSD	LCSD							
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		50 - 150						
Trifluorotoluene (Surr)	96		50 - 150						

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 580-90969-15 MS

Matrix: Water

Analysis Batch: 317722

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	ND		1000	1030		ug/L		103	79 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	111		50 - 150						
Trifluorotoluene (Surr)	99		50 - 150						

Lab Sample ID: 580-90969-15 MSD

Matrix: Water

Analysis Batch: 317722

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	ND		1000	990		ug/L		99	79 - 120	4	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		50 - 150								
Trifluorotoluene (Surr)	93		50 - 150								

Lab Sample ID: MB 580-317821/32

Matrix: Water

Analysis Batch: 317821

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			11/27/19 21:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150					11/27/19 21:51	1
Trifluorotoluene (Surr)	94		50 - 150					11/27/19 21:51	1

Lab Sample ID: LCS 580-317821/33

Matrix: Water

Analysis Batch: 317821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	904		ug/L		90	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		50 - 150				
Trifluorotoluene (Surr)	109		50 - 150				

Lab Sample ID: LCSD 580-317821/34

Matrix: Water

Analysis Batch: 317821

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	925		ug/L		93	79 - 120	2	10

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: LCSD 580-317821/34

Matrix: Water

Analysis Batch: 317821

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		50 - 150
Trifluorotoluene (Surr)	95		50 - 150

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-317600/1-A

Matrix: Water

Analysis Batch: 317647

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 317600

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	ND		110		ug/L		11/25/19 10:14	11/25/19 18:10	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/25/19 10:14	11/25/19 18:10	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
o-Terphenyl	73		50 - 150				11/25/19 10:14	11/25/19 18:10	1

Lab Sample ID: LCS 580-317600/2-A

Matrix: Water

Analysis Batch: 317647

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 317600

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
#2 Diesel (C10-C24)	2000	1830		ug/L		91	50 - 120
Motor Oil (>C24-C36)	2000	1930		ug/L		97	64 - 120
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
o-Terphenyl	103		50 - 150				

Lab Sample ID: LCSD 580-317600/3-A

Matrix: Water

Analysis Batch: 317647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 317600

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
	Added	Result	Qualifier				Limits	Limit
#2 Diesel (C10-C24)	2000	1830		ug/L		91	50 - 120	0
Motor Oil (>C24-C36)	2000	1910		ug/L		95	64 - 120	1
Surrogate	LCSD	LCSD	Limits					
	%Recovery	Qualifier						
o-Terphenyl	96		50 - 150					

Lab Sample ID: 580-90969-15 MS

Matrix: Water

Analysis Batch: 317647

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Prep Batch: 317600

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
#2 Diesel (C10-C24)	ND		1930	1250		ug/L		65	50 - 120
Motor Oil (>C24-C36)	ND		1930	1850		ug/L		87	64 - 120

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 580-90969-15 MS

Matrix: Water

Analysis Batch: 317647

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Prep Batch: 317600

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	92		50 - 150

Lab Sample ID: 580-90969-15 MSD

Matrix: Water

Analysis Batch: 317647

Client Sample ID: MW-57_20191120

Prep Type: Total/NA

Prep Batch: 317600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	ND		1900	1230		ug/L		65	50 - 120	1	26
Motor Oil (>C24-C36)	ND		1900	1900		ug/L		91	64 - 120	3	24
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD						
o-Terphenyl	89		50 - 150								

Lab Sample ID: MB 580-317895/1-A

Matrix: Water

Analysis Batch: 317936

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 317895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/29/19 09:10	11/30/19 15:17	1
Motor Oil (>C24-C36)	ND		350		ug/L		11/29/19 09:10	11/30/19 15:17	1
Surrogate	%Recovery	Qualifier	Limits	MB	MB		Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150				11/29/19 09:10	11/30/19 15:17	1

Lab Sample ID: LCS 580-317895/2-A

Matrix: Water

Analysis Batch: 317936

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 317895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1870		ug/L		93	50 - 120		
Motor Oil (>C24-C36)	2000	2080		ug/L		104	64 - 120		
Surrogate	%Recovery	Qualifier	Limits	LCS	LCS				
o-Terphenyl	96		50 - 150						

Lab Sample ID: LCSD 580-317895/3-A

Matrix: Water

Analysis Batch: 317936

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 317895

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1980		ug/L		99	50 - 120	6	26
Motor Oil (>C24-C36)	2000	2240		ug/L		112	64 - 120	8	24
Surrogate	%Recovery	Qualifier	Limits	LCSD	LCSD				
o-Terphenyl	93		50 - 150						

Eurofins TestAmerica, Seattle

QC Sample Results

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC) (Continued)

Lab Sample ID: 580-90969-19 MS

Matrix: Water

Analysis Batch: 317936

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Prep Batch: 317895

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	ND		1930	1580		ug/L		82	50 - 120
Motor Oil (>C24-C36)	ND		1930	2090		ug/L		109	64 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	96		50 - 150						

Lab Sample ID: 580-90969-19 MSD

Matrix: Water

Analysis Batch: 317936

Client Sample ID: MW-61_20191120

Prep Type: Total/NA

Prep Batch: 317895

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	ND		2030	1580		ug/L		78	50 - 120	0	26
Motor Oil (>C24-C36)	ND		2030	2040		ug/L		101	64 - 120	2	24
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
o-Terphenyl	80		50 - 150								

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

GC/MS VOA

Analysis Batch: 317672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-15	MW-57_20191120	Total/NA	Water	8260C	
580-90969-16	MW-58_20191120	Total/NA	Water	8260C	
580-90969-17	MW-59_20191120	Total/NA	Water	8260C	
580-90969-18	MW-60_20191120	Total/NA	Water	8260C	
580-90969-19	MW-61_20191120	Total/NA	Water	8260C	
MB 580-317672/12	Method Blank	Total/NA	Water	8260C	
LCS 580-317672/13	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-317672/14	Lab Control Sample Dup	Total/NA	Water	8260C	
580-90969-15 MS	MW-57_20191120	Total/NA	Water	8260C	
580-90969-15 MSD	MW-57_20191120	Total/NA	Water	8260C	
580-90969-19 MS	MW-61_20191120	Total/NA	Water	8260C	
580-90969-19 MSD	MW-61_20191120	Total/NA	Water	8260C	

Analysis Batch: 317733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-1	C_20191119	Total/NA	Water	8260C	
580-90969-2	MW-2_20191119	Total/NA	Water	8260C	
580-90969-3	MW-14_20191119	Total/NA	Water	8260C	
580-90969-4	MW-19_20191119	Total/NA	Water	8260C	
580-90969-5	MW-20_20191120	Total/NA	Water	8260C	
580-90969-6	MW-21_20191119	Total/NA	Water	8260C	
580-90969-8	MW-39_20191120	Total/NA	Water	8260C	
580-90969-9	MW-41_20191119	Total/NA	Water	8260C	
580-90969-10	MW-43_20191119	Total/NA	Water	8260C	
580-90969-11	MW-45_20191120	Total/NA	Water	8260C	
580-90969-12	MW-54_20191120	Total/NA	Water	8260C	
580-90969-13	MW-55_20191120	Total/NA	Water	8260C	
580-90969-14	MW-56_20191120	Total/NA	Water	8260C	
580-90969-22	MW-64_20191119	Total/NA	Water	8260C	
580-90969-23	MW-66_20191119	Total/NA	Water	8260C	
580-90969-28	MW-71_20191119	Total/NA	Water	8260C	
580-90969-30	Trip Blank-1_20191119	Total/NA	Water	8260C	
580-90969-31	Trip Blank-2_20191119	Total/NA	Water	8260C	
580-90969-33	Dup-1_20191119	Total/NA	Water	8260C	
MB 580-317733/6	Method Blank	Total/NA	Water	8260C	
LCS 580-317733/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-317733/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 317801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-27	MW-70_20191120	Total/NA	Water	8260C	
580-90969-29	AG-WELL_20191120	Total/NA	Water	8260C	
580-90969-34	Dup-2_20191120	Total/NA	Water	8260C	
MB 580-317801/7	Method Blank	Total/NA	Water	8260C	
LCS 580-317801/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-317801/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 317809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-4 - DL	MW-19_20191119	Total/NA	Water	8260C	
580-90969-6 - DL	MW-21_20191119	Total/NA	Water	8260C	

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

GC/MS VOA (Continued)

Analysis Batch: 317809 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-7 - DL	MW-35_20191119	Total/NA	Water	8260C	
580-90969-7	MW-35_20191119	Total/NA	Water	8260C	
580-90969-8 - RA	MW-39_20191120	Total/NA	Water	8260C	
580-90969-10 - DL	MW-43_20191119	Total/NA	Water	8260C	
580-90969-11 - DL	MW-45_20191120	Total/NA	Water	8260C	
580-90969-14 - DL	MW-56_20191120	Total/NA	Water	8260C	
580-90969-20	MW-62_20191120	Total/NA	Water	8260C	
580-90969-21	MW-63_20191120	Total/NA	Water	8260C	
580-90969-22 - RA	MW-64_20191119	Total/NA	Water	8260C	
580-90969-24	MW-67_20191120	Total/NA	Water	8260C	
580-90969-25	MW-68_20191120	Total/NA	Water	8260C	
580-90969-26	MW-69_20191120	Total/NA	Water	8260C	
580-90969-33 - DL	Dup-1_20191119	Total/NA	Water	8260C	
MB 580-317809/6	Method Blank	Total/NA	Water	8260C	
LCS 580-317809/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-317809/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 317875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-34 - DL	Dup-2_20191120	Total/NA	Water	8260C	
MB 580-317875/7	Method Blank	Total/NA	Water	8260C	
LCS 580-317875/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-317875/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 317719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-1	C_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-2	MW-2_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-3	MW-14_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-4	MW-19_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-5	MW-20_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-6	MW-21_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-8	MW-39_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-9	MW-41_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-19	MW-61_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-30	Trip Blank-1_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-31	Trip Blank-2_20191119	Total/NA	Water	NWTPH-Gx	
MB 580-317719/7	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-317719/8	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-317719/9	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-90969-19 MS	MW-61_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-19 MSD	MW-61_20191120	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 317722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-12	MW-54_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-13	MW-55_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-15	MW-57_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-18	MW-60_20191120	Total/NA	Water	NWTPH-Gx	

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

GC VOA (Continued)

Analysis Batch: 317722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-20	MW-62_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-21	MW-63_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-23	MW-66_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-24	MW-67_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-25	MW-68_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-26	MW-69_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-27	MW-70_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-28	MW-71_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-29	AG-WELL_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-33	Dup-1_20191119	Total/NA	Water	NWTPH-Gx	
MB 580-317722/35	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-317722/36	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-317722/37	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-90969-15 MS	MW-57_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-15 MSD	MW-57_20191120	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 317821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-7	MW-35_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-10	MW-43_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-11	MW-45_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-14	MW-56_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-16	MW-58_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-17	MW-59_20191120	Total/NA	Water	NWTPH-Gx	
580-90969-22	MW-64_20191119	Total/NA	Water	NWTPH-Gx	
580-90969-34	Dup-2_20191120	Total/NA	Water	NWTPH-Gx	
MB 580-317821/32	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-317821/33	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-317821/34	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 317600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-1	C_20191119	Total/NA	Water	3510C	
580-90969-2	MW-2_20191119	Total/NA	Water	3510C	
580-90969-3	MW-14_20191119	Total/NA	Water	3510C	
580-90969-4	MW-19_20191119	Total/NA	Water	3510C	
580-90969-5	MW-20_20191120	Total/NA	Water	3510C	
580-90969-6	MW-21_20191119	Total/NA	Water	3510C	
580-90969-7	MW-35_20191119	Total/NA	Water	3510C	
580-90969-8	MW-39_20191120	Total/NA	Water	3510C	
580-90969-9	MW-41_20191119	Total/NA	Water	3510C	
580-90969-10	MW-43_20191119	Total/NA	Water	3510C	
580-90969-11	MW-45_20191120	Total/NA	Water	3510C	
580-90969-15	MW-57_20191120	Total/NA	Water	3510C	
580-90969-16	MW-58_20191120	Total/NA	Water	3510C	
MB 580-317600/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-317600/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-317600/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-90969-15 MS	MW-57_20191120	Total/NA	Water	3510C	

Eurofins TestAmerica, Seattle

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

GC Semi VOA (Continued)

Prep Batch: 317600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-15 MSD	MW-57_20191120	Total/NA	Water	3510C	

Analysis Batch: 317647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-1	C_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-2	MW-2_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-3	MW-14_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-4	MW-19_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-5	MW-20_20191120	Total/NA	Water	NWTPH-Dx	317600
580-90969-6	MW-21_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-7	MW-35_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-8	MW-39_20191120	Total/NA	Water	NWTPH-Dx	317600
580-90969-9	MW-41_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-10	MW-43_20191119	Total/NA	Water	NWTPH-Dx	317600
580-90969-11	MW-45_20191120	Total/NA	Water	NWTPH-Dx	317600
580-90969-15	MW-57_20191120	Total/NA	Water	NWTPH-Dx	317600
580-90969-16	MW-58_20191120	Total/NA	Water	NWTPH-Dx	317600
MB 580-317600/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	317600
LCS 580-317600/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	317600
LCSD 580-317600/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	317600
580-90969-15 MS	MW-57_20191120	Total/NA	Water	NWTPH-Dx	317600
580-90969-15 MSD	MW-57_20191120	Total/NA	Water	NWTPH-Dx	317600

Prep Batch: 317895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-12	MW-54_20191120	Total/NA	Water	3510C	
580-90969-13	MW-55_20191120	Total/NA	Water	3510C	
580-90969-14	MW-56_20191120	Total/NA	Water	3510C	
580-90969-17	MW-59_20191120	Total/NA	Water	3510C	
580-90969-18	MW-60_20191120	Total/NA	Water	3510C	
580-90969-19	MW-61_20191120	Total/NA	Water	3510C	
580-90969-20	MW-62_20191120	Total/NA	Water	3510C	
580-90969-21	MW-63_20191120	Total/NA	Water	3510C	
580-90969-22	MW-64_20191119	Total/NA	Water	3510C	
580-90969-23	MW-66_20191119	Total/NA	Water	3510C	
580-90969-24	MW-67_20191120	Total/NA	Water	3510C	
580-90969-25	MW-68_20191120	Total/NA	Water	3510C	
580-90969-26	MW-69_20191120	Total/NA	Water	3510C	
580-90969-27	MW-70_20191120	Total/NA	Water	3510C	
580-90969-28	MW-71_20191119	Total/NA	Water	3510C	
580-90969-29	AG-WELL_20191120	Total/NA	Water	3510C	
580-90969-33	Dup-1_20191119	Total/NA	Water	3510C	
580-90969-34	Dup-2_20191120	Total/NA	Water	3510C	
MB 580-317895/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-317895/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-317895/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-90969-19 MS	MW-61_20191120	Total/NA	Water	3510C	
580-90969-19 MSD	MW-61_20191120	Total/NA	Water	3510C	

QC Association Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

GC Semi VOA

Analysis Batch: 317936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-90969-12	MW-54_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-13	MW-55_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-14	MW-56_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-17	MW-59_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-18	MW-60_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-19	MW-61_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-20	MW-62_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-21	MW-63_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-22	MW-64_20191119	Total/NA	Water	NWTPH-Dx	317895
580-90969-23	MW-66_20191119	Total/NA	Water	NWTPH-Dx	317895
580-90969-24	MW-67_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-25	MW-68_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-26	MW-69_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-27	MW-70_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-28	MW-71_20191119	Total/NA	Water	NWTPH-Dx	317895
580-90969-29	AG-WELL_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-33	Dup-1_20191119	Total/NA	Water	NWTPH-Dx	317895
580-90969-34	Dup-2_20191120	Total/NA	Water	NWTPH-Dx	317895
MB 580-317895/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	317895
LCS 580-317895/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	317895
LCSD 580-317895/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	317895
580-90969-19 MS	MW-61_20191120	Total/NA	Water	NWTPH-Dx	317895
580-90969-19 MSD	MW-61_20191120	Total/NA	Water	NWTPH-Dx	317895

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: C_20191119

Date Collected: 11/19/19 12:45

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 17:00	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 17:54	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 19:59	JCM	TAL SEA

Client Sample ID: MW-2_20191119

Date Collected: 11/19/19 12:05

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 17:25	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 18:18	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 20:21	JCM	TAL SEA

Client Sample ID: MW-14_20191119

Date Collected: 11/19/19 12:25

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 17:50	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 18:42	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 20:42	JCM	TAL SEA

Client Sample ID: MW-19_20191119

Date Collected: 11/19/19 13:25

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 18:15	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	10	317809	11/27/19 18:13	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 19:06	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 21:03	JCM	TAL SEA

Client Sample ID: MW-20_20191120

Date Collected: 11/20/19 08:45

Date Received: 11/21/19 13:45

Lab Sample ID: 580-90969-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 18:40	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 19:30	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 21:25	JCM	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-21_20191119

Lab Sample ID: 580-90969-6

Date Collected: 11/19/19 15:40

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 19:05	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	10	317809	11/27/19 18:38	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 19:54	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 22:08	JCM	TAL SEA

Client Sample ID: MW-35_20191119

Lab Sample ID: 580-90969-7

Date Collected: 11/19/19 16:00

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	317809	11/27/19 19:52	W1T	TAL SEA
Total/NA	Analysis	8260C		50	317809	11/27/19 20:17	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	317821	11/28/19 00:40	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 22:29	JCM	TAL SEA

Client Sample ID: MW-39_20191120

Lab Sample ID: 580-90969-8

Date Collected: 11/20/19 09:05

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 19:56	T1W	TAL SEA
Total/NA	Analysis	8260C	RA	1	317809	11/27/19 13:37	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 20:42	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 22:50	JCM	TAL SEA

Client Sample ID: MW-41_20191119

Lab Sample ID: 580-90969-9

Date Collected: 11/19/19 10:35

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 20:21	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 21:06	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 23:12	JCM	TAL SEA

Client Sample ID: MW-43_20191119

Lab Sample ID: 580-90969-10

Date Collected: 11/19/19 10:10

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 20:46	T1W	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-43_20191119

Lab Sample ID: 580-90969-10

Date Collected: 11/19/19 10:10

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	317809	11/27/19 19:02	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	317821	11/28/19 01:05	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 23:33	JCM	TAL SEA

Client Sample ID: MW-45_20191120

Lab Sample ID: 580-90969-11

Date Collected: 11/20/19 09:30

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 21:11	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	10	317809	11/27/19 17:22	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317821	11/28/19 00:16	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/25/19 23:54	JCM	TAL SEA

Client Sample ID: MW-54_20191120

Lab Sample ID: 580-90969-12

Date Collected: 11/20/19 10:05

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 21:35	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 01:32	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 16:22	CJ	TAL SEA

Client Sample ID: MW-55_20191120

Lab Sample ID: 580-90969-13

Date Collected: 11/20/19 10:45

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 22:00	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 01:56	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 16:43	CJ	TAL SEA

Client Sample ID: MW-56_20191120

Lab Sample ID: 580-90969-14

Date Collected: 11/20/19 11:05

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 22:25	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	50	317809	11/27/19 19:27	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	317821	11/28/19 01:28	DCV	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-56_20191120

Lab Sample ID: 580-90969-14

Date Collected: 11/20/19 11:05

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 17:04	CJ	TAL SEA

Client Sample ID: MW-57_20191120

Lab Sample ID: 580-90969-15

Date Collected: 11/20/19 11:35

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317672	11/26/19 16:55	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 08:17	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/26/19 00:15	JCM	TAL SEA

Client Sample ID: MW-58_20191120

Lab Sample ID: 580-90969-16

Date Collected: 11/20/19 12:05

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317672	11/26/19 15:37	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317821	11/27/19 23:52	DCV	TAL SEA
Total/NA	Prep	3510C			317600	11/25/19 10:14	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317647	11/26/19 01:19	JCM	TAL SEA

Client Sample ID: MW-59_20191120

Lab Sample ID: 580-90969-17

Date Collected: 11/20/19 12:15

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317672	11/26/19 16:04	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317821	11/27/19 23:28	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 17:26	CJ	TAL SEA

Client Sample ID: MW-60_20191120

Lab Sample ID: 580-90969-18

Date Collected: 11/20/19 12:35

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317672	11/26/19 16:30	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 02:44	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 17:47	CJ	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-61_20191120

Lab Sample ID: 580-90969-19

Date Collected: 11/20/19 12:30

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317672	11/26/19 17:21	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 22:43	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 18:08	CJ	TAL SEA

Client Sample ID: MW-62_20191120

Lab Sample ID: 580-90969-20

Date Collected: 11/20/19 12:10

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317809	11/27/19 14:02	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 03:08	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 19:33	CJ	TAL SEA

Client Sample ID: MW-63_20191120

Lab Sample ID: 580-90969-21

Date Collected: 11/20/19 11:40

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317809	11/27/19 14:28	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 03:32	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 19:54	CJ	TAL SEA

Client Sample ID: MW-64_20191119

Lab Sample ID: 580-90969-22

Date Collected: 11/19/19 09:40

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 22:51	T1W	TAL SEA
Total/NA	Analysis	8260C	RA	1	317809	11/27/19 13:12	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317821	11/28/19 02:16	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 20:15	CJ	TAL SEA

Client Sample ID: MW-66_20191119

Lab Sample ID: 580-90969-23

Date Collected: 11/19/19 13:05

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 23:16	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 03:56	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 20:36	CJ	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: MW-67_20191120

Lab Sample ID: 580-90969-24

Date Collected: 11/20/19 10:50

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317809	11/27/19 14:52	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 04:45	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 20:57	CJ	TAL SEA

Client Sample ID: MW-68_20191120

Lab Sample ID: 580-90969-25

Date Collected: 11/20/19 11:10

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317809	11/27/19 15:18	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 05:09	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 21:19	CJ	TAL SEA

Client Sample ID: MW-69_20191120

Lab Sample ID: 580-90969-26

Date Collected: 11/20/19 11:50

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317809	11/27/19 15:43	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 05:33	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 21:40	CJ	TAL SEA

Client Sample ID: MW-70_20191120

Lab Sample ID: 580-90969-27

Date Collected: 11/20/19 13:00

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317801	11/27/19 16:13	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 05:57	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 22:01	CJ	TAL SEA

Client Sample ID: MW-71_20191119

Lab Sample ID: 580-90969-28

Date Collected: 11/19/19 09:10

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 23:41	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 06:22	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 22:22	CJ	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Client Sample ID: AG-WELL_20191120

Lab Sample ID: 580-90969-29

Date Collected: 11/20/19 10:25

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317801	11/27/19 16:38	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 06:46	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 23:04	CJ	TAL SEA

Client Sample ID: Trip Blank-1_20191119

Lab Sample ID: 580-90969-30

Date Collected: 11/19/19 00:01

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 16:10	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 14:47	DCV	TAL SEA

Client Sample ID: Trip Blank-2_20191119

Lab Sample ID: 580-90969-31

Date Collected: 11/19/19 00:01

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/26/19 16:35	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317719	11/26/19 15:12	DCV	TAL SEA

Client Sample ID: Dup-1_20191119

Lab Sample ID: 580-90969-33

Date Collected: 11/19/19 07:00

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317733	11/27/19 00:06	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	10	317809	11/27/19 17:48	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317722	11/27/19 07:10	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 23:25	CJ	TAL SEA

Client Sample ID: Dup-2_20191120

Lab Sample ID: 580-90969-34

Date Collected: 11/20/19 08:00

Matrix: Water

Date Received: 11/21/19 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	317801	11/27/19 17:04	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	10	317875	11/28/19 18:00	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	317821	11/28/19 02:40	DCV	TAL SEA
Total/NA	Prep	3510C			317895	11/29/19 09:10	NRF	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	317936	11/30/19 23:47	CJ	TAL SEA

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Eurofins TestAmerica, Seattle

Accreditation/Certification Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Laboratory: Eurofins TestAmerica, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State Program	C553	02-17-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SEA
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC)	NWTPH	TAL SEA
NWTPH-Dx	Northwest - Semi-Volatile Petroleum Products (GC)	NWTPH	TAL SEA
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL SEA
5030B	Purge and Trap	SW846	TAL SEA

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Sample Summary

Client: Antea USA Inc.
Project/Site: BP - OPLC - Allen Station

Job ID: 580-90969-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-90969-1	C_20191119	Water	11/19/19 12:45	11/21/19 13:45	
580-90969-2	MW-2_20191119	Water	11/19/19 12:05	11/21/19 13:45	
580-90969-3	MW-14_20191119	Water	11/19/19 12:25	11/21/19 13:45	
580-90969-4	MW-19_20191119	Water	11/19/19 13:25	11/21/19 13:45	
580-90969-5	MW-20_20191120	Water	11/20/19 08:45	11/21/19 13:45	
580-90969-6	MW-21_20191119	Water	11/19/19 15:40	11/21/19 13:45	
580-90969-7	MW-35_20191119	Water	11/19/19 16:00	11/21/19 13:45	
580-90969-8	MW-39_20191120	Water	11/20/19 09:05	11/21/19 13:45	
580-90969-9	MW-41_20191119	Water	11/19/19 10:35	11/21/19 13:45	
580-90969-10	MW-43_20191119	Water	11/19/19 10:10	11/21/19 13:45	
580-90969-11	MW-45_20191120	Water	11/20/19 09:30	11/21/19 13:45	
580-90969-12	MW-54_20191120	Water	11/20/19 10:05	11/21/19 13:45	
580-90969-13	MW-55_20191120	Water	11/20/19 10:45	11/21/19 13:45	
580-90969-14	MW-56_20191120	Water	11/20/19 11:05	11/21/19 13:45	
580-90969-15	MW-57_20191120	Water	11/20/19 11:35	11/21/19 13:45	
580-90969-16	MW-58_20191120	Water	11/20/19 12:05	11/21/19 13:45	
580-90969-17	MW-59_20191120	Water	11/20/19 12:15	11/21/19 13:45	
580-90969-18	MW-60_20191120	Water	11/20/19 12:35	11/21/19 13:45	
580-90969-19	MW-61_20191120	Water	11/20/19 12:30	11/21/19 13:45	
580-90969-20	MW-62_20191120	Water	11/20/19 12:10	11/21/19 13:45	
580-90969-21	MW-63_20191120	Water	11/20/19 11:40	11/21/19 13:45	
580-90969-22	MW-64_20191119	Water	11/19/19 09:40	11/21/19 13:45	
580-90969-23	MW-66_20191119	Water	11/19/19 13:05	11/21/19 13:45	
580-90969-24	MW-67_20191120	Water	11/20/19 10:50	11/21/19 13:45	
580-90969-25	MW-68_20191120	Water	11/20/19 11:10	11/21/19 13:45	
580-90969-26	MW-69_20191120	Water	11/20/19 11:50	11/21/19 13:45	
580-90969-27	MW-70_20191120	Water	11/20/19 13:00	11/21/19 13:45	
580-90969-28	MW-71_20191119	Water	11/19/19 09:10	11/21/19 13:45	
580-90969-29	AG-WELL_20191120	Water	11/20/19 10:25	11/21/19 13:45	
580-90969-30	Trip Blank-1_20191119	Water	11/19/19 00:01	11/21/19 13:45	
580-90969-31	Trip Blank-2_20191119	Water	11/19/19 00:01	11/21/19 13:45	
580-90969-33	Dup-1_20191119	Water	11/19/19 07:00	11/21/19 13:45	
580-90969-34	Dup-2_20191120	Water	11/20/19 08:00	11/21/19 13:45	

BP Site Node Path:
BP/RM Facility No:

Alien Station

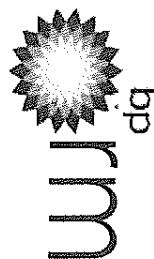
Req Due Date (mm/dd/yy)

Standard TAT

Rush TAT Yes

Page 2 of 6
No X

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overnell Road	Consultant/Contractor:	Antea Group
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon, Washington	Consultant/Contractor Project No:	WMAALLA181-10723
Lab PM:	Elaine Walker	Lead Regulatory Agency:	Washington Department of Ecology	Address:	4006 148th Ave NE, Redmond, WA 98052
Lab Phone:	253 248 4972	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard
Lab Shipping Acct:	NA	Enfos Proposal No:	WR32953200BHW-0012	Phone:	425-498-7711
Lab Bottle Order No:	NA	Accounting Mode:	Provision: ☒ X ☐ OOC-BU ☐ OOC-RM	Send/Submit EDD to:	Megan.Richard@antearcgroup.com
Other Info:	elaine.walker@testamericainc.com	Stage:	1, Appraise (10)	Activity:	Interim Measures (123)
BP/RM PM:	Wade Melton	Sample Details:	Requested Analyses:	Report Type & QC Level:	
PM Phone:	360-594-7978			Limited (Standard) Package ☐ Y	
PM Email:	wade.melton@bp.com			Limited Plus Package ☐	
				Full Package ☐	
Lab No.	Sample Description	Date	Time	Comments	
-1	MMW-35_2019 1119	11-19-19	1600	Field Matrix	
				Start Depth	
				End Depth	
				Depth Unit	
				Grab (G) or Composite (C)	
				Total Number of Containers	
				Analysis	
				3260BTEX	
				NWTPH-Gx	
				NWTPH-DX	
-3	MMW-39_2019 1130	11-30-19	0905		
-9	MMW-41_2019 1119	11-19-19	1035		
	MMW-43_2019 1119	11-19-19	1010		
	MMW-44_2019				
-11	MMW-45_2019 1130	11-30-19	0930		
	MMW-54_2019 1130	11-30-19	1605		
Sampler's Name:	ky/BK/SL	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation
Sampler's Company:	Antea Group	ENR Samples/Antea	11/21/19	1100	
Ship Method:	Celivier	Shipp Date:	11/21/19	1345	
Shipment Tracking No:					
Special Instructions:					
THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No					



Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

BP Site Node Path:

Olympic Pipeline Company

Reg Due Date (mm/dd/yy):

Standard TAT

Rush TAT Yes

No

BP/RM Facility No:

Allen Station

Lab Work Order Number:

Page 3 of 6

Lab Name:	Test America	BP/RM Facility Address:	16292 Overhill Road	Consultant/Contractor:	Antea Group
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon, Washington	Consultant/Contractor Project No.:	WAALLA181.10123
Lab PM:	Elaine Walker	Lead Regulatory Agency:	Washington Department of Ecology	Address:	4006 148th Ave NE, Redmond, WA 98052
Lab Phone:	253.248.4972	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard
Lab Shipping Acct.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Phone:	425-498-7711
Lab Bottle Order No.:	NA	Accounting Mode:	Provision X, OOC-BU, OOC-RM	Send/Submit EDD to:	Megan.Richard@anteagroup.com
Other Info:	elaine.walker@testamericainc.com	Stage:	1, Appraise (10)	Invoice To:	Megan.Richard@anteagroup.com
BP/RM PM:	Wade Melton	Sample Details:	Activity:	Interim Measures (123)	BP-RM X
PM Phone:	360.594.7978	Requested Analyses:	Report Type & QC Level		
PM Email:	wade.melton@bp.com	Field Matrix	Limited (Standard) Package Y		
		Start Depth	Limited Plus Package		
		End Depth	Full Package		
		Depth Unit			
		Grab (G) or Composite (C)			
		Total Number of Containers			
		Analysis			
		Pres			
		Filt			
		8260BTEX			
		NWTPH-Gx			
		NWTPH-DX			
Lab No.	Sample Description	Date	Time	Comments	
-13	MMW-55_2019 1130	11-30-19	1045		
	MMW-56_2019 1130	11-30-19	1105		
-15	MMW-57_2019 1130	11-30-19	1135		
	MMW-58_2019 1130	11-30-19	1305		
-11	MMW-59_2019 1130	11-30-19	1315		
	MMW-60_2019 1130	11-30-19	1335		
-19	MMW-61_2019 1130	11-30-19	1330		
Relinquished By / Affiliation					
Sampler's Name:	BEA SLY KY	Date	Time	Accepted By / Affiliation	Date
Sampler's Company:	Antea Group	11/21/19	1100	11/21/19	1100
Ship Method:	Culivier	Ship Date:			
Shipment Tracking No.:	Juan Rene	11/21/19	1345	11/21/19	1345
Special Instructions:					
THIS LINE - LAB USE ONLY. Custody Seals in Place: Yes / No Temp Blank Yes / No Cooler Temp on Receipt: °F/C Trip Blank Yes / No MS/MSD Sample Submitted: Yes / No					



Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

BP Site Node Path:

Olympic Pipeline Company

Reg Due Date (mm/dd/yyyy):

Standard TAT

Rush TAT Yes

No

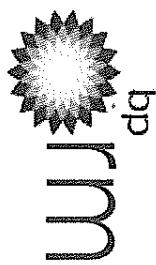
Page 4 of 6

BP/RM Facility No:

Allen Station

Lab Work Order Number:

Lab Name:	Test America	BP/RM Facility Address:	16292 Overhill Road	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Lab PM:	Elaine Walker	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Lab Phone:	253.248.4972	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Lab Shipping Acct:	NA	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Lab Bottle Order No.:	NA	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Other Info:	elaine.walker@testamerica.com	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
BP/RM Pkt:	Wade Melton	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
PM Phone:	360.594.7978	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
PM Email:	wade.melton@bp.com	City, State, ZIP Code:	Mt. Vernon, Washington	Lead Regulatory Agency:	Washington Department of Ecology	California Global ID No.:	NA	Enfos Proposal No.:	WR329532/008HW-0012	Accounting Mode:	Provision	X	OOB-BU	OOB-RM	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
Lab No.	Sample Description	Date	Time	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Filt	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton	BP/RM Pkt:	Wade Melton
MM-62_2019 1130		11-30-19	1210	W				G	8	B260BTEX												
MM-63_2019 1130		11-30-19	1140	W				G	4	NWTPH-Gx												
MM-64_2019 1119		11-19-19	0940	W				G	8	NWTPH-DX												
MM-66_2019 1119		11-19-19	1305	W				G	8													
MM-67_2019 1130		11-30-19	1050	W				G	4													
MM-68_2019 1130		11-30-19	1110	W				G	4													
MM-69_2019 1130		11-30-19	1050	W				G	4													
Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time	Comments																
BP/RM Pkt:	Wade Melton	11/21/19	1130	BP/RM Pkt:	Wade Melton	11/21/19	1130															
Ship Method:	Carrier	Ship Date:																				
Shipment Tracking No.:																						
Special Instructions:																						
THIS LINE - LAB USE ONLY: Custody Seals in Place Yes / No																						
Temp Blank: Yes / No																						
Cooler Temp on Receipt: °F/C																						
Trip Blank: Yes / No																						
MS/MSD Sample Submitted: Yes / No																						



Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

BP Site Node Path: Olympic Pipeline Company

BP/RM Facility No.: Alien Station

Reg Due Date (mm/dd/yy): Standard TAT

Lab Work Order Number:

Page 5 of 6

Rush TAT Yes No X

Lab Name: <u>Test America</u>		BP/RM Facility Address: <u>16292 Overhill Road</u>		Consultant/Contractor: <u>Antea Group</u>																																														
Lab Address: <u>Tacoma, WA</u>		City, State, ZIP Code: <u>Mt. Vernon, Washington</u>		Consultant/Contractor Project No.: <u>WAAL/LA181 10123</u>																																														
Lab PM: <u>Elaine Walker</u>		Lead Regulatory Agency: <u>Washington Department of Ecology</u>		Address: <u>4006 148th Ave NE, Redmond, WA 98052</u>																																														
Lab Phone: <u>253 248 4972</u>		California Global ID No.: <u>NA</u>		Consultant/Contractor PM: <u>Megan Richard</u>																																														
Lab Shipping Acct: <u>NA</u>		Enfos Proposal No.: <u>WR329532/008HW-0012</u>		Phone: <u>425-498-7711</u> Email: <u>Megan.Richard@anteagroup.com</u>																																														
Lab Bottle Order No.: <u>NA</u>		Accounting Mode: <u>Provision</u> <u>X</u> <u>OOO-BU</u> <u>OOO-RM</u>		Send/Submit EDD to: <u>Megan.Richard@anteagroup.com</u>																																														
Order Info: <u>elaine.walker@testamericainc.com</u>		Stage: <u>1</u> Appraise (10)		Invoice To: <u>BP-RM</u> <u>X</u> <u>BP/ARC</u> <u>X</u>																																														
BP/RM PM: <u>Wade Melton</u>		Sample Details		Requested Analyses																																														
PM Phone: <u>360-594-7978</u>		<table border="1"> <tr> <th>Field Matrix</th> <th>Start Depth</th> <th>End Depth</th> <th>Depth Unit</th> <th>Grab (G) or Composite (C)</th> <th>Total Number of Containers</th> <th>Analysis</th> <th>Pres</th> <th>Filt</th> </tr> <tr> <td>MMW-70_2019 1130</td> <td>11-30-19</td> <td>1300</td> <td></td> <td>G</td> <td>3</td> <td>6260BTEX</td> <td></td> <td></td> </tr> <tr> <td>MMW-71_2019 1115</td> <td>11-19-19</td> <td>0910</td> <td></td> <td>G</td> <td>3</td> <td>NWTPH-Gx</td> <td></td> <td></td> </tr> </table>		Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Filt	MMW-70_2019 1130	11-30-19	1300		G	3	6260BTEX			MMW-71_2019 1115	11-19-19	0910		G	3	NWTPH-Gx			<table border="1"> <tr> <th>Lab No.</th> <th>Sample Description</th> <th>Date</th> <th>Time</th> <th>Comments</th> </tr> <tr> <td>-27</td> <td>MMW-70_2019 1130</td> <td>11-30-19</td> <td>1300</td> <td></td> </tr> <tr> <td>-28</td> <td>MMW-71_2019 1115</td> <td>11-19-19</td> <td>0910</td> <td></td> </tr> </table>		Lab No.	Sample Description	Date	Time	Comments	-27	MMW-70_2019 1130	11-30-19	1300		-28	MMW-71_2019 1115	11-19-19	0910				
Field Matrix	Start Depth			End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Filt																																								
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-27	MMW-70_2019 1130	11-30-19	1300																																															
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PM Email: <u>wade.melton@bp.com</u>		<table border="1"> <tr> <th>Lab No.</th> <th>Sample Description</th> <th>Date</th> <th>Time</th> <th>Comments</th> </tr> <tr> <td>-29</td> <td>AG-Well_2019 1130</td> <td>11-30-19</td> <td>1035</td> <td></td> </tr> <tr> <td>-30</td> <td>Trip Blank-1</td> <td>11-19-19</td> <td>-</td> <td></td> </tr> <tr> <td>-31</td> <td>Trip Blank-2</td> <td>11-19-19</td> <td>-</td> <td></td> </tr> <tr> <td>-32</td> <td>Trip Blank-3</td> <td>11-19-19</td> <td>-</td> <td></td> </tr> <tr> <td>-33</td> <td>Dup-1_2019 1119</td> <td>11-19-19</td> <td>0900</td> <td></td> </tr> </table>		Lab No.	Sample Description	Date	Time	Comments	-29	AG-Well_2019 1130	11-30-19	1035		-30	Trip Blank-1	11-19-19	-		-31	Trip Blank-2	11-19-19	-		-32	Trip Blank-3	11-19-19	-		-33	Dup-1_2019 1119	11-19-19	0900		<table border="1"> <tr> <th>Lab No.</th> <th>Sample Description</th> <th>Date</th> <th>Time</th> <th>Comments</th> </tr> <tr> <td>-34</td> <td>Relinquished By Affiliation</td> <td>11/21/19</td> <td>1100</td> <td></td> </tr> <tr> <td>-35</td> <td>Ship Method: <u>Cold Vial</u> Ship Date: <u>11/21/19</u></td> <td>11/21/19</td> <td>1345</td> <td></td> </tr> </table>		Lab No.	Sample Description	Date	Time	Comments	-34	Relinquished By Affiliation	11/21/19	1100		-35	Ship Method: <u>Cold Vial</u> Ship Date: <u>11/21/19</u>	11/21/19	1345	
Lab No.	Sample Description	Date	Time	Comments																																														
-29	AG-Well_2019 1130	11-30-19	1035																																															
-30	Trip Blank-1	11-19-19	-																																															
-31	Trip Blank-2	11-19-19	-																																															
-32	Trip Blank-3	11-19-19	-																																															
-33	Dup-1_2019 1119	11-19-19	0900																																															
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-34	Relinquished By Affiliation	11/21/19	1100																																															
-35	Ship Method: <u>Cold Vial</u> Ship Date: <u>11/21/19</u>	11/21/19	1345																																															

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

Rush TAT Yes No X

**Proprietary and Confidential
Property of BP and its Affiliates**

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-90969-1

Login Number: 90969

List Number: 1

Creator: Blankinship, Tom X

List Source: Eurofins TestAmerica, Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317672 Batch Start Date: 11/26/19 09:40 Batch Analyst: Ruslander, Amanda PBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00011	VOAMasterMix 00046	
MB 580-317672/12		8260C		5 mL	5 mL		2 uL		
LCS 580-317672/13		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-317672/14		8260C		5 mL	5 mL		2 uL	10 uL	
580-90969-B-16	MW-58_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-17	MW-59_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-18	MW-60_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-15	MW-57_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-19	MW-61_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-15 MS	MW-57_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-90969-B-15 MSD	MW-57_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-90969-B-19 MS	MW-61_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-90969-B-19 MSD	MW-61_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	

Batch Notes

Vial Lot Number 0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317733 Batch Start Date: 11/26/19 13:22 Batch Analyst: Wongsakul, Thanaporn 1Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00011	VOAMasterMix 00046	
LCS 580-317733/3		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-317733/4		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-317733/6		8260C		5 mL	5 mL		2 uL		
580-90969-B-30	Trip Blank-1	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-31	Trip Blank-2	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-1	C_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-2	MW-2_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-3	MW-14_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-4	MW-19_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-5	MW-20_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-6	MW-21_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-8	MW-39_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-9	MW-41_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-10	MW-43_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-11	MW-45_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-12	MW-54_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-13	MW-55_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-14	MW-56_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-22	MW-64_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-23	MW-66_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-28	MW-71_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-33	Dup-1_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Vial Lot Number	Lot #0217701E
-----------------	---------------

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317801 Batch Start Date: 11/27/19 09:51 Batch Analyst: Wongsakul, Thanaporn 1Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00011	VOAMasterMix 00046	
LCS 580-317801/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-317801/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-317801/7		8260C		5 mL	5 mL		2 uL		
580-90969-B-27	MW-70_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-29	AG-WELL_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-34	Dup-2_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Vial Lot Number	Lot#0217701E
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Basis	Basis Description
T	Total/NA

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8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317809 Batch Start Date: 11/27/19 09:52 Batch Analyst: Thaneerat, Wijittra 1Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00011	VOAMasterMix 00046	
LCS 580-317809/3		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-317809/4		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-317809/6		8260C		5 mL	5 mL		2 uL		
580-90969-C-22	MW-64_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-8	MW-39_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-20	MW-62_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-21	MW-63_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-24	MW-67_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-25	MW-68_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-B-26	MW-69_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-11	MW-45_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-33	Dup-1_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-4	MW-19_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-6	MW-21_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-10	MW-43_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-14	MW-56_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-7	MW-35_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-90969-C-7	MW-35_20191119	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes

Vial Lot Number	0217701E
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Basis	Basis Description
T	Total/NA

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8260C

Page 1 of 1

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317875 Batch Start Date: 11/28/19 10:22 Batch Analyst: Jantanu, CharinpornBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	5X SUR/IS/TFT 00011	VOAMasterMix 00046	
LCS 580-317875/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-317875/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-317875/7		8260C		5 mL	5 mL		2 uL		
580-90969-C-34	Dup-2_20191120	8260C	T	5 mL	5 mL	<2 SU	2 uL		

Batch Notes	
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 1 of 1

GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317719 Batch Start Date: 11/26/19 09:34 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00040	GRO_LCS 00057	TFT Spike 00038
MB 580-317719/7		NWTPH-Gx		5 mL	5 mL		2 uL		10.75 uL
LCS 580-317719/8		NWTPH-Gx		5 mL	5 mL		2 uL	50 uL	
LCSD 580-317719/9		NWTPH-Gx		5 mL	5 mL		2 uL	50 uL	
580-90969-A-30	Trip Blank-1	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-31	Trip Blank-2	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-C-1	C_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-2	MW-2_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-3	MW-14_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-4	MW-19_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-5	MW-20_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-6	MW-21_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-8	MW-39_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-9	MW-41_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-19	MW-61_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-19 MS	MW-61_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL	21.5 uL	10.75 uL
580-90969-A-19 MSD	MW-61_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL	21.5 uL	10.75 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00043					
MB 580-317719/7		NWTPH-Gx							
LCS 580-317719/8		NWTPH-Gx		2500 uL					
LCSD 580-317719/9		NWTPH-Gx		2500 uL					
580-90969-A-30	Trip Blank-1	NWTPH-Gx	T						
580-90969-A-31	Trip Blank-2	NWTPH-Gx	T						
580-90969-C-1	C_20191119	NWTPH-Gx	T						
580-90969-A-2	MW-2_20191119	NWTPH-Gx	T						
580-90969-A-3	MW-14_20191119	NWTPH-Gx	T						
580-90969-A-4	MW-19_20191119	NWTPH-Gx	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317719 Batch Start Date: 11/26/19 09:34 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00043					
580-90969-A-5	MW-20_20191120	NWTPH-Gx	T						
580-90969-A-6	MW-21_20191119	NWTPH-Gx	T						
580-90969-A-8	MW-39_20191120	NWTPH-Gx	T						
580-90969-A-9	MW-41_20191119	NWTPH-Gx	T						
580-90969-A-19	MW-61_20191120	NWTPH-Gx	T						
580-90969-A-19 MS	MW-61_20191120	NWTPH-Gx	T						
580-90969-A-19 MSD	MW-61_20191120	NWTPH-Gx	T						

Batch Notes

pH Indicator ID	pH 0.0-6.0 lot#6904002
Pipette/Syringe/Dispenser ID	B50P, C25S, C2500Q, B100W
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317722 Batch Start Date: 11/26/19 09:34 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00040	GRO_LCS 00057	TFT Spike 00038
MB 580-317722/35		NWTPH-Gx		5 mL	5 mL		2 uL		10.75 uL
LCS 580-317722/36		NWTPH-Gx		5 mL	5 mL		2 uL	50 uL	
LCSD 580-317722/37		NWTPH-Gx		5 mL	5 mL		2 uL	50 uL	
580-90969-A-12	MW-54_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-13	MW-55_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-18	MW-60_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-20	MW-62_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-21	MW-63_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-23	MW-66_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-24	MW-67_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-25	MW-68_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-26	MW-69_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-27	MW-70_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-28	MW-71_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-29	AG-WELL_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-33	Dup-1_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-15	MW-57_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-15	MW-57_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL	21.5 uL	10.75 uL
MS 580-90969-A-15	MW-57_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL	21.5 uL	10.75 uL
MSD									

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00043					
MB 580-317722/35		NWTPH-Gx							
LCS 580-317722/36		NWTPH-Gx		2500 uL					
LCSD 580-317722/37		NWTPH-Gx		2500 uL					
580-90969-A-12	MW-54_20191120	NWTPH-Gx	T						
580-90969-A-13	MW-55_20191120	NWTPH-Gx	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317722 Batch Start Date: 11/26/19 09:34 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00043					
580-90969-A-18	MW-60_20191120	NWTPH-Gx	T						
580-90969-A-20	MW-62_20191120	NWTPH-Gx	T						
580-90969-A-21	MW-63_20191120	NWTPH-Gx	T						
580-90969-A-23	MW-66_20191119	NWTPH-Gx	T						
580-90969-A-24	MW-67_20191120	NWTPH-Gx	T						
580-90969-A-25	MW-68_20191120	NWTPH-Gx	T						
580-90969-A-26	MW-69_20191120	NWTPH-Gx	T						
580-90969-A-27	MW-70_20191120	NWTPH-Gx	T						
580-90969-A-28	MW-71_20191119	NWTPH-Gx	T						
580-90969-A-29	AG-WELL_20191120	NWTPH-Gx	T						
580-90969-A-33	Dup-1_20191119	NWTPH-Gx	T						
580-90969-A-15	MW-57_20191120	NWTPH-Gx	T						
580-90969-A-15 MS	MW-57_20191120	NWTPH-Gx	T						
580-90969-A-15 MSD	MW-57_20191120	NWTPH-Gx	T						

Batch Notes	
pH Indicator ID	pH 0.0-60 lot#6904002
Pipette/Syringe/Dispenser ID	B50P, C25S, C2500Q, B100W
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317821 Batch Start Date: 11/27/19 11:01 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00040	GRO_LCS 00057	TFT Spike 00038
MB 580-317821/32		NWTPH-Gx		5 mL	5 mL		2 uL		10.75 uL
LCS 580-317821/33		NWTPH-Gx		5 mL	5 mL		2 uL	50 uL	
LCSD 580-317821/34		NWTPH-Gx		5 mL	5 mL		2 uL	50 uL	
580-90969-A-17	MW-59_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-16	MW-58_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-D-11	MW-45_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-D-7	MW-35_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-D-10	MW-43_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-D-14	MW-56_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-22	MW-64_20191119	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL
580-90969-A-34	Dup-2_20191120	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	2 uL		10.75 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00043					
MB 580-317821/32		NWTPH-Gx							
LCS 580-317821/33		NWTPH-Gx		2500 uL					
LCSD 580-317821/34		NWTPH-Gx		2500 uL					
580-90969-A-17	MW-59_20191120	NWTPH-Gx	T						
580-90969-A-16	MW-58_20191120	NWTPH-Gx	T						
580-90969-D-11	MW-45_20191120	NWTPH-Gx	T						
580-90969-D-7	MW-35_20191119	NWTPH-Gx	T						
580-90969-D-10	MW-43_20191119	NWTPH-Gx	T						
580-90969-D-14	MW-56_20191120	NWTPH-Gx	T						
580-90969-A-22	MW-64_20191119	NWTPH-Gx	T						
580-90969-A-34	Dup-2_20191120	NWTPH-Gx	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317821 Batch Start Date: 11/27/19 11:01 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: _____

Batch Notes	
pH Indicator ID	pH 0.0-6.0 LOT 6901002
Pipette/Syringe/Dispenser ID	B50P, C25S, C2500Q, B100W
Vial Lot Number	0217701E

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Gx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317600 Batch Start Date: 11/25/19 10:14 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/25/19 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-317600/1		3510C, NWTPH-Dx				250 mL	1.0 mL	no	7.0 SU
LCS 580-317600/2		3510C, NWTPH-Dx				250 mL	1.0 mL	no	7.0 SU
LCSD 580-317600/3		3510C, NWTPH-Dx				250 mL	1.0 mL	no	7.0 SU
580-90969-H-1	C_20191119	3510C, NWTPH-Dx	T	00440.88 g	176.993 g	263.9 mL	1.0 mL	no	2.0 SU
580-90969-H-2	MW-2_20191119	3510C, NWTPH-Dx	T	00440.42 g	178.401 g	262 mL	1.0 mL	no	2.0 SU
580-90969-H-3	MW-14_20191119	3510C, NWTPH-Dx	T	00432.40 g	178.482 g	253.9 mL	1.0 mL	no	2.0 SU
580-90969-H-4	MW-19_20191119	3510C, NWTPH-Dx	T	00438.45 g	177.823 g	260.6 mL	1.0 mL	no	2.0 SU
580-90969-H-5	MW-20_20191120	3510C, NWTPH-Dx	T	00440.49 g	177.951 g	262.5 mL	1.0 mL	no	2.0 SU
580-90969-H-6	MW-21_20191119	3510C, NWTPH-Dx	T	00440.73 g	178.002 g	262.7 mL	1.0 mL	no	2.0 SU
580-90969-H-7	MW-35_20191119	3510C, NWTPH-Dx	T	00438.17 g	178.507 g	259.7 mL	1.0 mL	no	2.0 SU
580-90969-H-8	MW-39_20191120	3510C, NWTPH-Dx	T	00435.17 g	177.028 g	258.1 mL	1.0 mL	no	2.0 SU
580-90969-G-9	MW-41_20191119	3510C, NWTPH-Dx	T	00441.33 g	177.210 g	264.1 mL	1.0 mL	no	2.0 SU
580-90969-H-10	MW-43_20191119	3510C, NWTPH-Dx	T	00438.20 g	178.802 g	259.4 mL	1.0 mL	no	2.0 SU
580-90969-H-11	MW-45_20191120	3510C, NWTPH-Dx	T	00433.17 g	177.501 g	255.7 mL	1.0 mL	no	2.0 SU
580-90969-H-15	MW-57_20191120	3510C, NWTPH-Dx	T	00435.86 g	179.129 g	256.7 mL	1.0 mL	no	2.0 SU
580-90969-H-15 MS	MW-57_20191120	3510C, NWTPH-Dx	T	00434.91 g	175.970 g	258.9 mL	1.0 mL	no	2.0 SU
580-90969-H-15 MSD	MW-57_20191120	3510C, NWTPH-Dx	T	00440.35 g	177.776 g	262.6 mL	1.0 mL	no	2.0 SU
580-90969-H-16	MW-58_20191120	3510C, NWTPH-Dx	T	00441.88 g	178.203 g	263.7 mL	1.0 mL	no	2.0 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	TPH_Water_Spk 00023	TPH_WaterSurr 00051			
MB 580-317600/1		3510C, NWTPH-Dx		2.0 SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317600 Batch Start Date: 11/25/19 10:14 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/25/19 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	TPH_Water_Spk _00023	TPH_WaterSurr _00051			
LCS 580-317600/2		3510C, NWTPH-Dx		2.0 SU	100 uL	100 uL			
LCSD 580-317600/3		3510C, NWTPH-Dx		2.0 SU	100 uL	100 uL			
580-90969-H-1	C_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-2	MW-2_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-3	MW-14_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-4	MW-19_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-5	MW-20_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-6	MW-21_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-7	MW-35_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-8	MW-39_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-9	MW-41_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-10	MW-43_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-11	MW-45_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-15	MW-57_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-H-15 MS	MW-57_20191120	3510C, NWTPH-Dx	T	2.0 SU	100 uL	100 uL			
580-90969-H-15 MSD	MW-57_20191120	3510C, NWTPH-Dx	T	2.0 SU	100 uL	100 uL			
580-90969-H-16	MW-58_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317600 Batch Start Date: 11/25/19 10:14 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/25/19 17:00

Batch Notes	
Acid Used for pH Adjustment ID	2430697
Balance ID	SEA225
Batch Comment	Vialed By: NRF
Analyst ID - Concentration	NRF
Concentration 1 Corrected Temperature	70-75 Degrees C
Concentration 2 Corrected Temperature	18.9 Degrees C
Equipment ID - Concentration 1	Steam Bath 1
Equipment ID - Concentration 2	TurboVap 5
Analyst ID - Extraction	NRF
Method/Fraction	NWTPH Dx
pH Indicator ID	6901002
Pipette/Syringe/Dispenser ID	MP3
Prep Solvent ID	2517426
Prep Solvent Volume Used	120 mL
Analyst ID - Spike Analyst	NRF
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	61013-040-1
Thermometer ID - Concentration 2	Digital Readout
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	20.0 Degrees C
Vial Lot Number	19103141

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317895 Batch Start Date: 11/29/19 09:10 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/29/19 15:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-317895/1		3510C, NWTPH-Dx				250 mL	1.0 mL	no	7.0 SU
LCS 580-317895/2		3510C, NWTPH-Dx				250 mL	1.0 mL	no	7.0 SU
LCSD 580-317895/3		3510C, NWTPH-Dx				250 mL	1.0 mL	no	7.0 SU
580-90969-G-12	MW-54_20191120	3510C, NWTPH-Dx	T	00439.88 g	00179.09 g	260.8 mL	1.0 mL	no	2.0 SU
580-90969-G-13	MW-55_20191120	3510C, NWTPH-Dx	T	00447.25 g	00179.12 g	268.1 mL	1.0 mL	no	2.0 SU
580-90969-G-14	MW-56_20191120	3510C, NWTPH-Dx	T	00440.33 g	00176.17 g	264.2 mL	1.0 mL	no	2.0 SU
580-90969-G-17	MW-59_20191120	3510C, NWTPH-Dx	T	00439.52 g	00176.91 g	262.6 mL	1.0 mL	no	2.0 SU
580-90969-G-18	MW-60_20191120	3510C, NWTPH-Dx	T	00436.26 g	00177.42 g	258.8 mL	1.0 mL	no	2.0 SU
580-90969-G-19	MW-61_20191120	3510C, NWTPH-Dx	T	00441.14 g	00177.90 g	263.2 mL	1.0 mL	no	2.0 SU
580-90969-G-19 MS	MW-61_20191120	3510C, NWTPH-Dx	T	00435.64 g	00175.97 g	259.7 mL	1.0 mL	no	2.0 SU
580-90969-G-19 MSD	MW-61_20191120	3510C, NWTPH-Dx	T	00424.24 g	00177.49 g	246.8 mL	1.0 mL	no	2.0 SU
580-90969-G-20	MW-62_20191120	3510C, NWTPH-Dx	T	00445.87 g	00176.70 g	269.2 mL	1.0 mL	no	2.0 SU
580-90969-G-21	MW-63_20191120	3510C, NWTPH-Dx	T	00439.24 g	00177.75 g	261.5 mL	1.0 mL	no	2.0 SU
580-90969-G-22	MW-64_20191119	3510C, NWTPH-Dx	T	00436.21 g	00179.11 g	257.1 mL	1.0 mL	no	2.0 SU
580-90969-G-23	MW-66_20191119	3510C, NWTPH-Dx	T	00435.73 g	00177.81 g	257.9 mL	1.0 mL	no	2.0 SU
580-90969-G-24	MW-67_20191120	3510C, NWTPH-Dx	T	00443.14 g	00177.22 g	265.9 mL	1.0 mL	no	2.0 SU
580-90969-G-25	MW-68_20191120	3510C, NWTPH-Dx	T	00441.79 g	00177.53 g	264.3 mL	1.0 mL	no	2.0 SU
580-90969-G-26	MW-69_20191120	3510C, NWTPH-Dx	T	00445.86 g	00178.10 g	267.8 mL	1.0 mL	no	2.0 SU
580-90969-G-27	MW-70_20191120	3510C, NWTPH-Dx	T	00444.45 g	00178.19 g	266.3 mL	1.0 mL	no	2.0 SU
580-90969-G-28	MW-71_20191119	3510C, NWTPH-Dx	T	00438.27 g	00177.48 g	260.8 mL	1.0 mL	no	2.0 SU
580-90969-G-29	AG-WELL_20191120	3510C, NWTPH-Dx	T	00446.48 g	00178.33 g	268.2 mL	1.0 mL	no	2.0 SU

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317895 Batch Start Date: 11/29/19 09:10 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/29/19 15:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
580-90969-G-33	Dup-1_20191119	3510C, NWTPH-Dx	T	00440.89 g	00178.85 g	262 mL	1.0 mL	no	2.0 SU
580-90969-G-34	Dup-2_20191120	3510C, NWTPH-Dx	T	00433.13 g	00177.63 g	255.5 mL	1.0 mL	no	2.0 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	TPH_Water_Spk 00023	TPH_WaterSurr 00051			
MB 580-317895/1		3510C, NWTPH-Dx		2.0 SU		100 uL			
LCS 580-317895/2		3510C, NWTPH-Dx		2.0 SU	100 uL	100 uL			
LCSD 580-317895/3		3510C, NWTPH-Dx		2.0 SU	100 uL	100 uL			
580-90969-G-12	MW-54_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-13	MW-55_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-14	MW-56_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-17	MW-59_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-18	MW-60_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-19	MW-61_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-19 MS	MW-61_20191120	3510C, NWTPH-Dx	T	2.0 SU	100 uL	100 uL			
580-90969-G-19 MSD	MW-61_20191120	3510C, NWTPH-Dx	T	2.0 SU	100 uL	100 uL			
580-90969-G-20	MW-62_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-21	MW-63_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-22	MW-64_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-23	MW-66_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-24	MW-67_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-25	MW-68_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317895 Batch Start Date: 11/29/19 09:10 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/29/19 15:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	TPH_Water_Spk 00023	TPH_WaterSurr 00051			
580-90969-G-26	MW-69_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-27	MW-70_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-28	MW-71_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-29	AG-WELL_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-33	Dup-1_20191119	3510C, NWTPH-Dx	T	2.0 SU		100 uL			
580-90969-G-34	Dup-2_20191120	3510C, NWTPH-Dx	T	2.0 SU		100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

NWTPH-Dx

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GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-90969-1

SDG No.: _____

Batch Number: 317895 Batch Start Date: 11/29/19 09:10 Batch Analyst: Fisher, Nicholas RBatch Method: 3510C Batch End Date: 11/29/19 15:58

Batch Notes	
Acid Used for pH Adjustment ID	2430697
Balance ID	SEA225
Batch Comment	Vialed By: NRF
Analyst ID - Concentration	NRF
Concentration 1 Corrected Temperature	70-75 Degrees C
Concentration 2 Corrected Temperature	18.9 Degrees C
Equipment ID - Concentration 1	Steam Bath 1
Equipment ID - Concentration 2	TurboVap 5
Analyst ID - Extraction	NRF
Method/Fraction	NWTPH Dx
pH Indicator ID	6901002
Pipette/Syringe/Dispenser ID	MP3
Prep Solvent ID	2517426
Prep Solvent Volume Used	120 mL
Analyst ID - Spike Analyst	NRF
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	61013-040-1
Thermometer ID - Concentration 2	Digital Readout
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	20.0 Degrees C
Vial Lot Number	19103141

Basis	Basis Description
T	Total/NA

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NWTPH-Dx

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