



Remediation Management Services Company

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August 8, 2019

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 - First Half of 2019, that documents the results at OPLC Allen Pump Station located at 16292 Ovenell Road, Mount Vernon, Washington.

Sincerely yours,

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

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

cc: File, Antea Group



Semi-Annual Status Report

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

Antea[®]Group

Understanding today.
Improving tomorrow.

PREPARED FOR

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

August 8, 2019

Antea Group Project No. WAALLAA191

us.anteagroup.com



Contents

1.0	Site History	1
2.0	Work Performed During the Reporting Period	3
3.0	System Configuration.....	3
4.0	Project Status.....	3
5.0	Data Review and Recommendations.....	3
6.0	Remarks	5

Enclosures

Tables

Table 1	Groundwater Gauging Data
Table 2	Groundwater Analytical Data

Figures

Figure 1	Site Location Map
Figure 2	Expanded Site Map
Figure 3A	Potentiometric Surface Map - March 6, 2019
Figure 3B	Groundwater Analytical Data Map - March 6-7, 2019
Figure 3C	Groundwater Analytical Data Map - March 6-7, 2019
Figure 4A	Potentiometric Surface Map - May 28, 2019
Figure 4B	Groundwater Analytical Data Map - May 28-29, 2019
Figure 4C	Groundwater Analytical Data Map - May 28-29, 2019

Appendix

Appendix A	Analytical Lab Reports and Chain-of-Custody Documentation

Reporting Period.:	January 2019 – June 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 March 6 through 7, 2019, quarterly groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells MW-C, MW-2, MW-14, MW-19 through MW-21, MW-35, MW-39, MW-41, MW-43 through MW-45, MW-54, MW-55 through MW-64, MW-66 through MW-71, and AG-Well. Due to lack of water, samples could not be collected from well MW-9. Light non-aqueous phase liquid (LNAPL) was measured in PW-4 at a thickness of 0.03 feet. Absorbent socks were replaced in wells MW-27, MW-28, MW-36, MW-53, MW-65 and PW-4,
- On May 14, 2019, monitoring well MW-C was repaired as a flush-mounted well.
- On May 28 through 29, 2019, quarterly groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring 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-55 through MW-64, MW-66 through MW-71, and AG-Well. Due to lack of water, samples could not be collected from wells MW-9. Due to a limited amount of water within the well, groundwater samples for TPH-D and TPH-O analyses could not be collected. LNAPL was not measured in any well during the sampling event. Absorbent socks were replaced in wells MW-36 and PW-4.

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 first half of 2019 reporting period, groundwater analytical results indicate hydrocarbon concentrations in excess of MTCA Method A Cleanup Levels in monitoring wells C, MW-2, MW-14, MW-19, MW-21, MW-35, MW-43 through MW-45, MW-54, MW-56 through MW-59, MW-64, MW-66, MW-67, and MW-71.
- During the first half of 2019 reporting period, hydrocarbon concentrations in MW-20, MW-39, MW-41, MW-54, MW-55, MW-61 through MW-63, and MW-68 through MW-70, and AG-Well were not detected at concentration in excess of MTCA Method A Cleanup Levels.
- Measurable LNAPL was observed in well PW-4 at some point during the first 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.

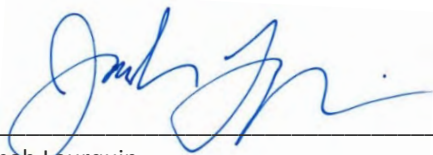


- Groundwater Gauging Data are presented in Table 1. Groundwater Analytical Data are presented in Table 2.
- A Site Location Map and an Expanded Site Map are included on Figures 1 and 2, respectively.
Potentiometric Surface Maps are presented as Figures 3A and 4A. Groundwater Analytical Data Maps are 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: August 8, 2019

Reviewed by:

Megan Richard, LG
Senior Project Manager

Date: August 8, 2019

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)
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File, Antea Group

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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: August 8, 2019

Reviewed by:



Megan Richard, LG
Senior Project Manager



Date: August 8, 2019

cc: Ms. Donna Musa, Department of Ecology, Northwest Regional Office (Hardcopy)
Ms. Polly Dubbel, Skagit County Health Department, Mount Vernon, WA (Hardcopy)
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Tables

Table 1	Groundwater Gauging Data
Table 2	Groundwater Analytical Data



TABLE 1
Groundwater Gauging Data
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	--

TABLE 1
Groundwater Gauging Data
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
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	--
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	--	--	--
IW-1	6/15/2015	--	8.68	NP	--	--	--
IW-1	6/19/2015	--	8.77	NP	--	--	--

TABLE 1
Groundwater Gauging Data
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	6/29/2015	--	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	--	--	--
IW-1	2/27/2018	--	5.91	NP	--	--	--
IW-1	6/12/2018	--	8.14	NP	--	--	--

TABLE 1
Groundwater Gauging Data
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	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	--	--	--
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	--
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	--

TABLE 1
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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	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	--
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	--

TABLE 1
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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	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	--
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	--

TABLE 1
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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	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-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	--
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	--

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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	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	--
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	--

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Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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
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

TABLE 1
Groundwater Gauging Data
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	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	--
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

TABLE 1
Groundwater Gauging Data
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	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	--
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-12	6/23/1992	101.10	7.95	NP	--	93.15	--
MW-12	7/2/1992	101.10	7.77	NP	--	93.33	--

TABLE 1
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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-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	--
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	--

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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-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	--
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	--

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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-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	--
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	--

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Groundwater Gauging Data
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-12	3/6/2019	98.46	6.12	NP	--	92.34	--
MW-12	5/28/2019	98.46	8.00	NP	--	90.46	--
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	--
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	--

TABLE 1
Groundwater Gauging Data
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	7/6/2009	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	Dry/W
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	11/10/2014	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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
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	--

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Groundwater Gauging Data
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	3/6/2019	98.54	7.31	NP	--	91.23	--
MW-17A	5/28/2019	98.54	--	--	--	--	Dry
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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	6/21/2016	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	8/31/2017	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-28	5/28/2019	96.77	7.60	NP	--	89.17	--
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	--

TABLE 1
Groundwater Gauging Data
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	10/12/2015	97.98	8.97	NP	--	89.01	--
MW-29	10/19/2015	97.98	9.24	NP	--	88.74	--
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-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
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-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
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-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-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	--
MW-32	1/26/2015	97.17	3.62	NP	--	93.55	--
MW-32	2/2/2015	97.17	4.04	NP	--	93.13	--

TABLE 1
Groundwater Gauging Data
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-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	--
MW-32	6/7/2016	97.17	6.15	NP	--	91.02	--
MW-32	6/21/2016	97.17	6.16	NP	--	91.01	--

TABLE 1
Groundwater Gauging Data
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-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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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-37	11/17/2014	--	8.82	NP	--	--	--
MW-37	11/18/2014	--	8.88	NP	--	--	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

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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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-39	11/17/2014	--	8.36	NP	--	--	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	3/6/2019	98.28	5.10	NP	--	93.18	--
MW-41	5/28/2019	98.28	7.85	NP	--	90.43	--
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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
MW-45	5/28/2019	97.23	7.00	NP	--	90.23	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-47	3/6/2019	97.42	6.49	NP	--	90.93	--
MW-47	5/28/2019	97.42	6.88	NP	--	90.54	--
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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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	1/13/2015	97.79	4.55	NP	--	93.24	--
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	--

TABLE 1
Groundwater Gauging Data
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	5/10/2016	97.79	5.63	NP	--	92.16	--
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-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	--
MW-53	3/30/2015	96.45	2.21	NP	--	94.24	--

TABLE 1
Groundwater Gauging Data
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	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
MW-53	5/30/2017	96.45	4.18	NP	--	92.27	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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	--	--	--	--	DryWl
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	--
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	--

TABLE 1
Groundwater Gauging Data
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	12/29/2014	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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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
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	--

TABLE 1
Groundwater Gauging Data
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-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-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
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	--

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Groundwater Gauging Data
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	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-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	--
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	--

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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-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-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
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	--

TABLE 1
Groundwater Gauging Data
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-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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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-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	--
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

TABLE 1
Groundwater Gauging Data
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-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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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-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	--	--	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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	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-66	10/5/2015	--	6.68	NP	--	--	--
MW-66	10/12/2015	--	6.71	NP	--	--	--
MW-66	10/19/2015	--	6.72	NP	--	--	--
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	--

TABLE 1
Groundwater Gauging Data
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-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-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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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-68	3/6/2019	95.69	3.15	NP	--	92.54	--
MW-68	5/28/2019	95.69	5.09	NP	--	90.60	--
MW-69	11/8/2016	95.49	3.35	NP	--	92.14	--
MW-69	12/6/2016	95.49	1.67	NP	--	93.82	--
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-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-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
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-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	--
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	--	--	--
PW-1	1/5/2015	--	2.26	NP	--	--	--
PW-1	1/12/2015	--	5.00	NP	--	--	--

TABLE 1
Groundwater Gauging Data
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	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	--	--	--
PW-1	5/10/2016	--	--	--	--	--	WI
PW-1	5/24/2016	--	7.19	NP	--	--	--

TABLE 1
Groundwater Gauging Data
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	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-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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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	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
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	--	--	--

TABLE 1
Groundwater Gauging Data
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	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-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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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-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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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-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	--	--	--
PW-3	3/6/2019	--	5.79	NP	--	--	--
PW-3	5/28/2019	--	7.46	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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

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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
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	--
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	--

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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
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	--
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	--

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Groundwater Gauging Data
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	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-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	--	--	--
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	--	--	--

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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-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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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	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-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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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	3/9/2015	--	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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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	3/21/2017	--	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	--	--	--
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	--
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	--

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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	4/22/2015	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	--
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	--

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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-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-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	--
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	--

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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	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	--
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

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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-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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-4	5/28/2019	97.22	6.66	NP	--	90.56	--
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	--	--
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

TABLE 1
Groundwater Gauging Data
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	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	--
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	--

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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	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	--
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	--

TABLE 1
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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	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	--
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

TABLE 1
Groundwater Gauging Data
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	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	--
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-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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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	--

TABLE 1
Groundwater Gauging Data
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-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	--
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-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

TABLE 1
Groundwater Gauging Data
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	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
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	--

TABLE 1
Groundwater Gauging Data
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	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	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
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 destroyed

WI - Well inaccessible

IW - Insufficient water

Table 2
Groundwater Analytical Data
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
MW-1	7/2/1992	< 1	< 1	< 1	< 1	--	190000	--

Table 2
Groundwater Analytical Data
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	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
MW-1	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	290 Y	< 250

Table 2
Groundwater Analytical Data
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	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
MW-2	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--

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Groundwater Analytical Data
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	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-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
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

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Groundwater Analytical Data
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-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
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

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Groundwater Analytical Data
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-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-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
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

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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-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
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

Table 2
Groundwater Analytical Data
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-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-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
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

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

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800¹	500	500
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-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-22	12/17/2013	< 1.0	< 1.0	41	31	5600	3600	--
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

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

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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
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

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

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800¹	500	500
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
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

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

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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
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-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

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

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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
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

Table 2
Groundwater Analytical Data
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-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-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
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-42	11/19/2014	990	17	2500	5500	31000	2400	< 250

Table 2
Groundwater Analytical Data
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-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
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-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

Table 2
Groundwater Analytical Data
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-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-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
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-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

Table 2
Groundwater Analytical Data
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-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
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

Table 2
Groundwater Analytical Data
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-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
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

Table 2
Groundwater Analytical Data
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-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-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
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-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

Table 2
Groundwater Analytical Data
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-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-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
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-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-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

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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-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-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-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-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

Table 2
Groundwater Analytical Data
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-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*
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-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-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

Table 2
Groundwater Analytical Data
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	1000/800¹	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-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-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
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

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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-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-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-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-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*
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-71	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 260

Table 2
Groundwater Analytical Data
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-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
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
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

Table 2
Groundwater Analytical Data
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)

ND = Not detected

-- = 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

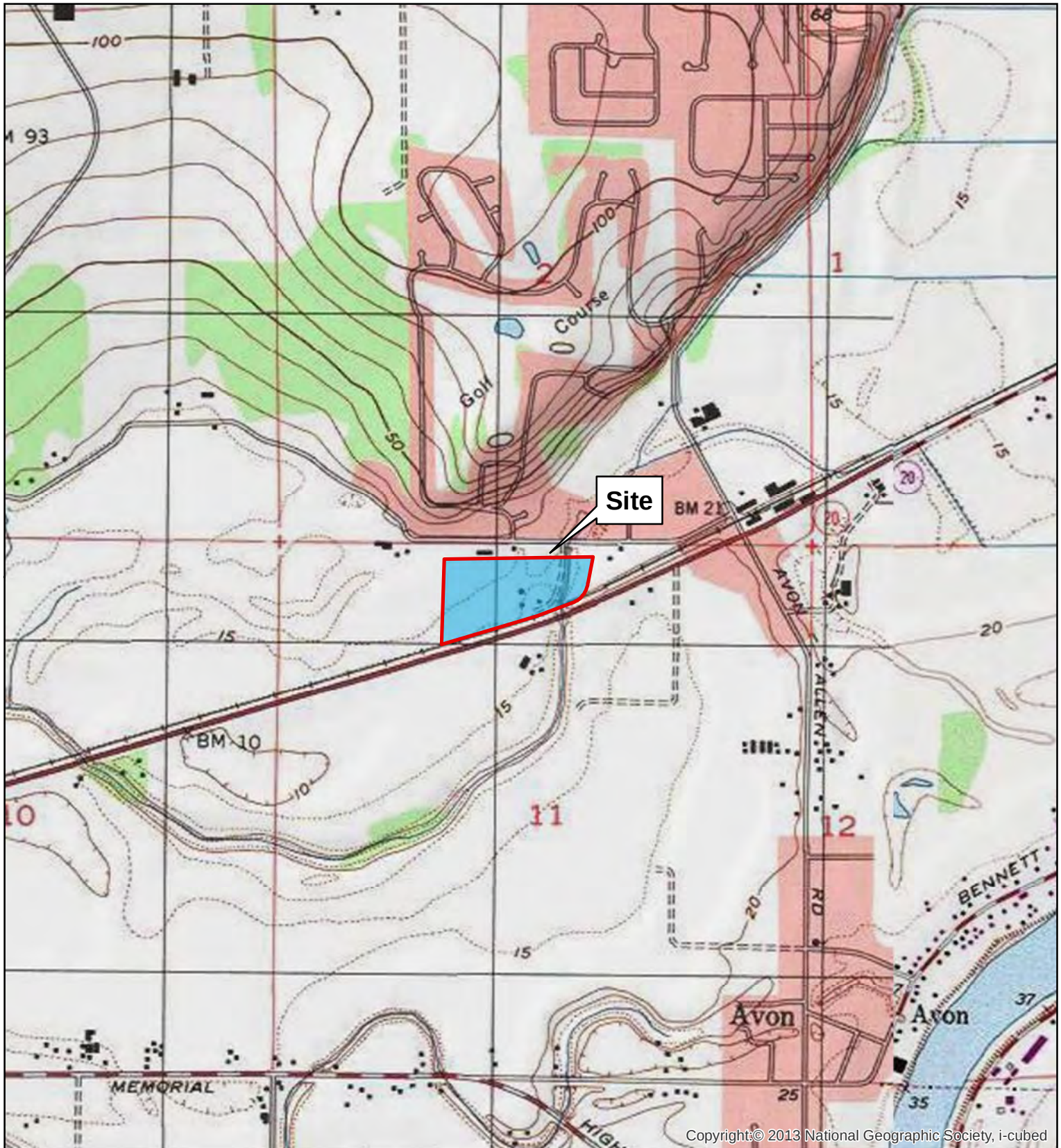
Y = The chromatographic response resembles a typical fuel pattern.



Figures

Figure 1	Site Location Map
Figure 2	Expanded Site Map
Figure 3A	Potentiometric Surface Map – March 6, 2019
Figure 3B	Groundwater Analytical Data Map – March 6-7, 2019
Figure 3C	Groundwater Analytical Data Map – March 6-7, 2019
Figure 4A	Potentiometric Surface Map – May 28, 2019
Figure 4B	Groundwater Analytical Data Map - May 28-29, 2019
Figure 4C	Groundwater Analytical Data Map - May 28-29, 2019





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



0 500 1,000 2,000 3,000 4,000 Feet

FIGURE 1

Site Location Map

Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO.
WAALLAA181

PREPARED BY
JH

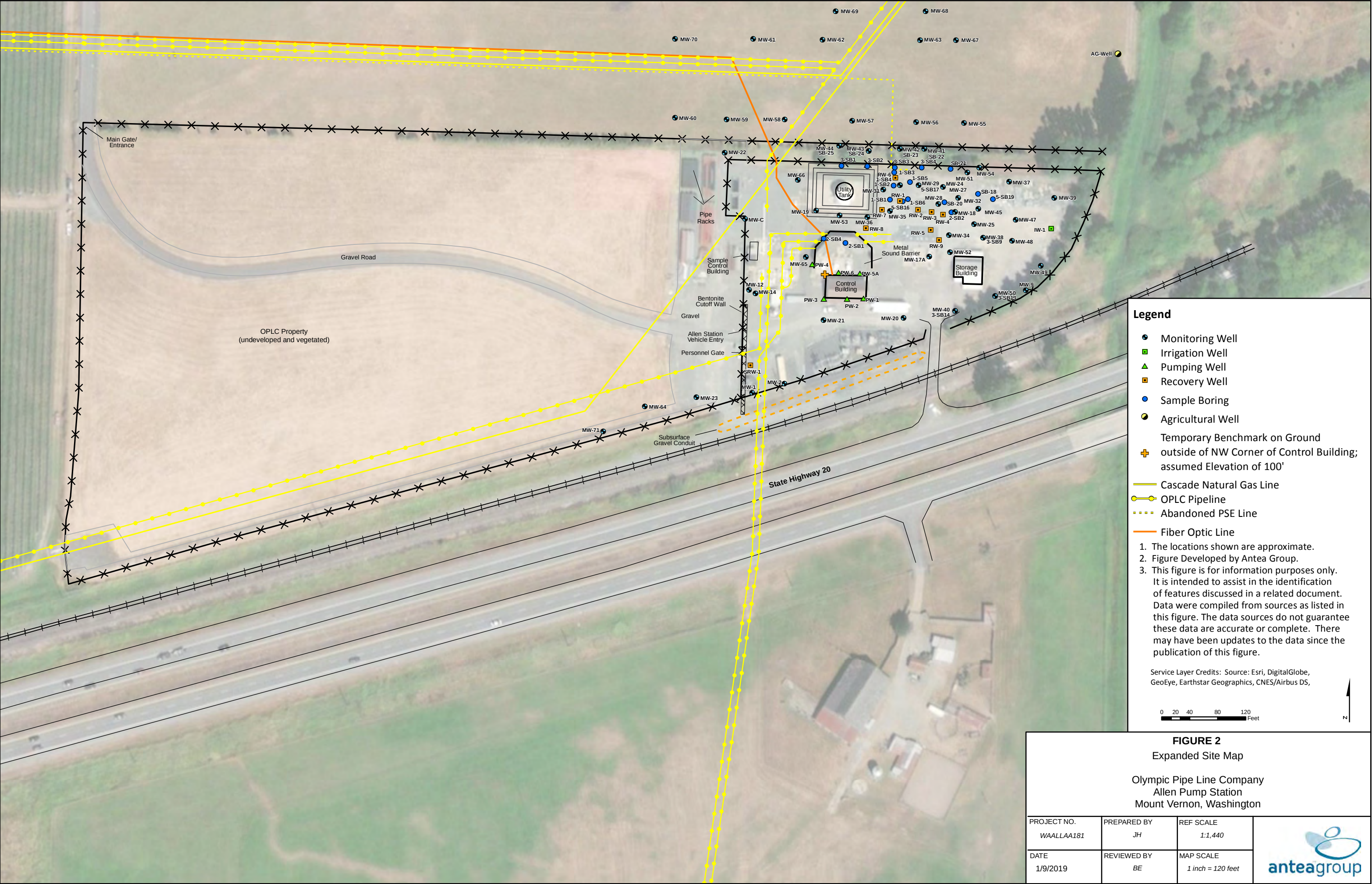
REF SCALE
1:24,000

DATE
1/9/2019

REVIEWED BY
BE

MAP SCALE
1 inch = 2,000 feet





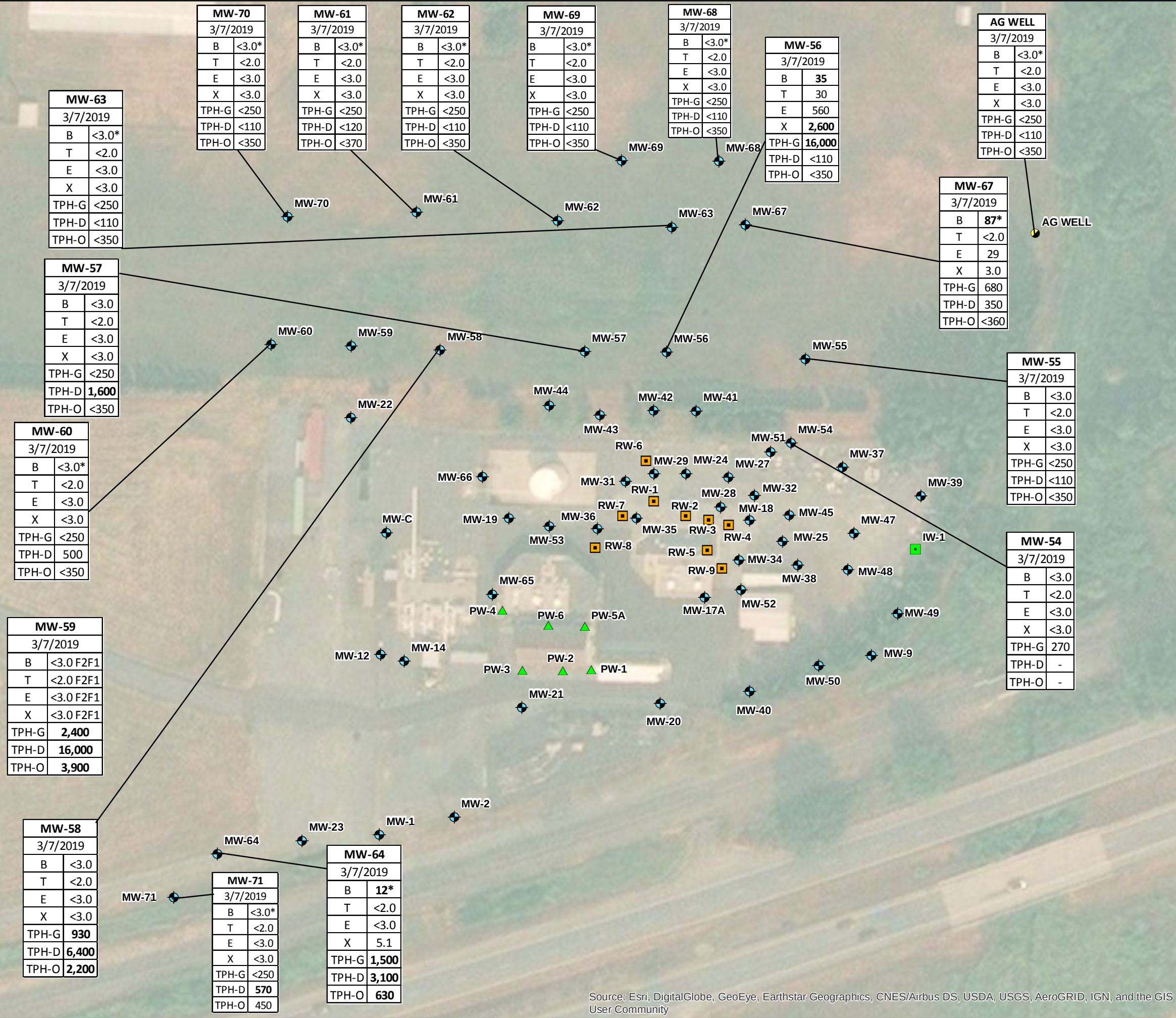
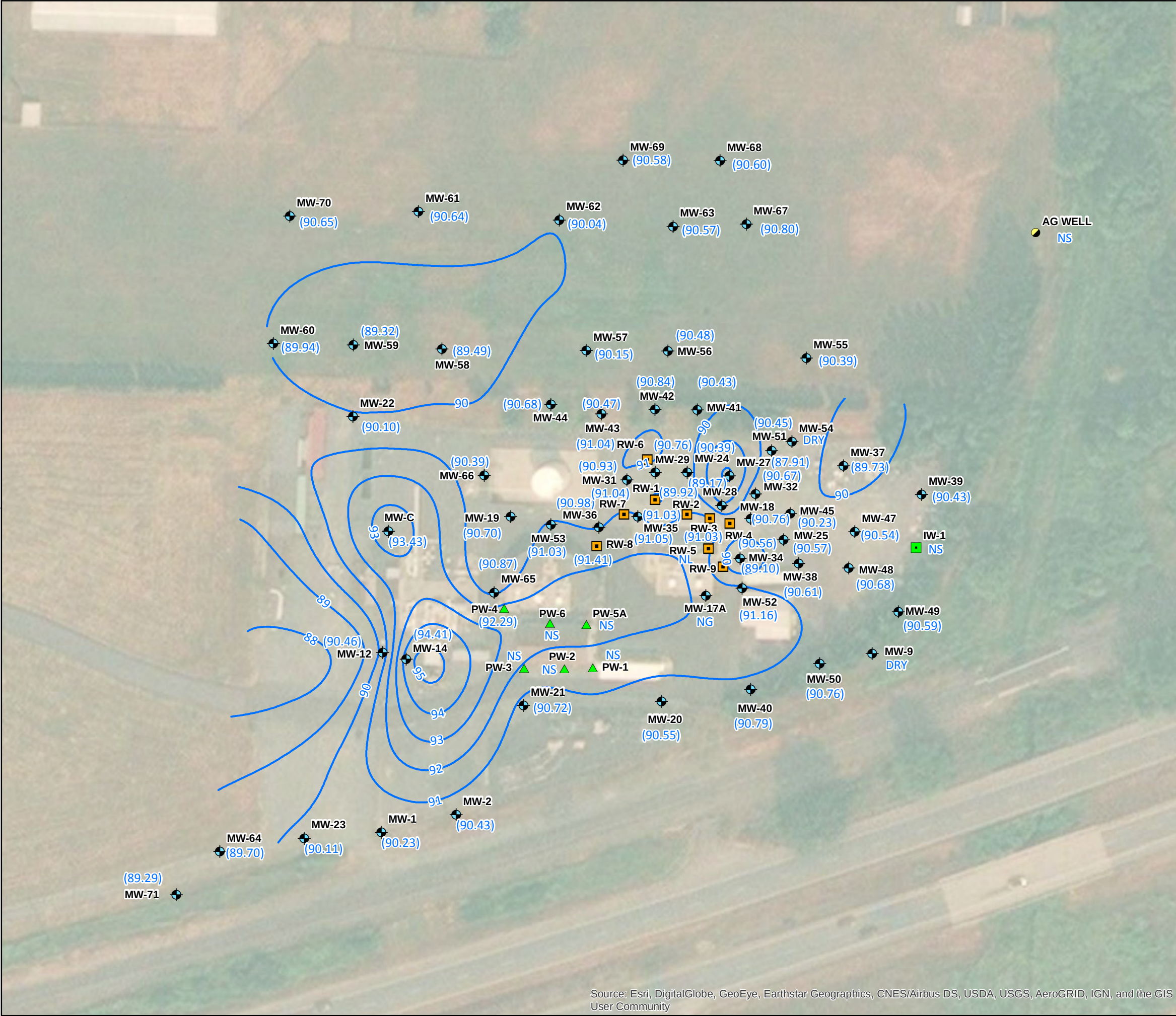


FIGURE 3C

Groundwater Analytical Data Map
March 6-7, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA191	PREPARED BY ALR	REF SCALE 1:960
DATE 07/02/2019	REVIEWED BY JL	MAP SCALE 1 inch = 80 feet



Legend



Monitoring Well
Irrigation Well
Pumping Well
Recovery Well
Agricultural Well



Groundwater Elevation Contour (ft)

(90.55)

Groundwater Elevation (ft)

DRY

Well Dry

NS

Not Surveyed

NG

Not Gauged

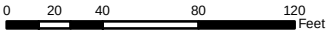
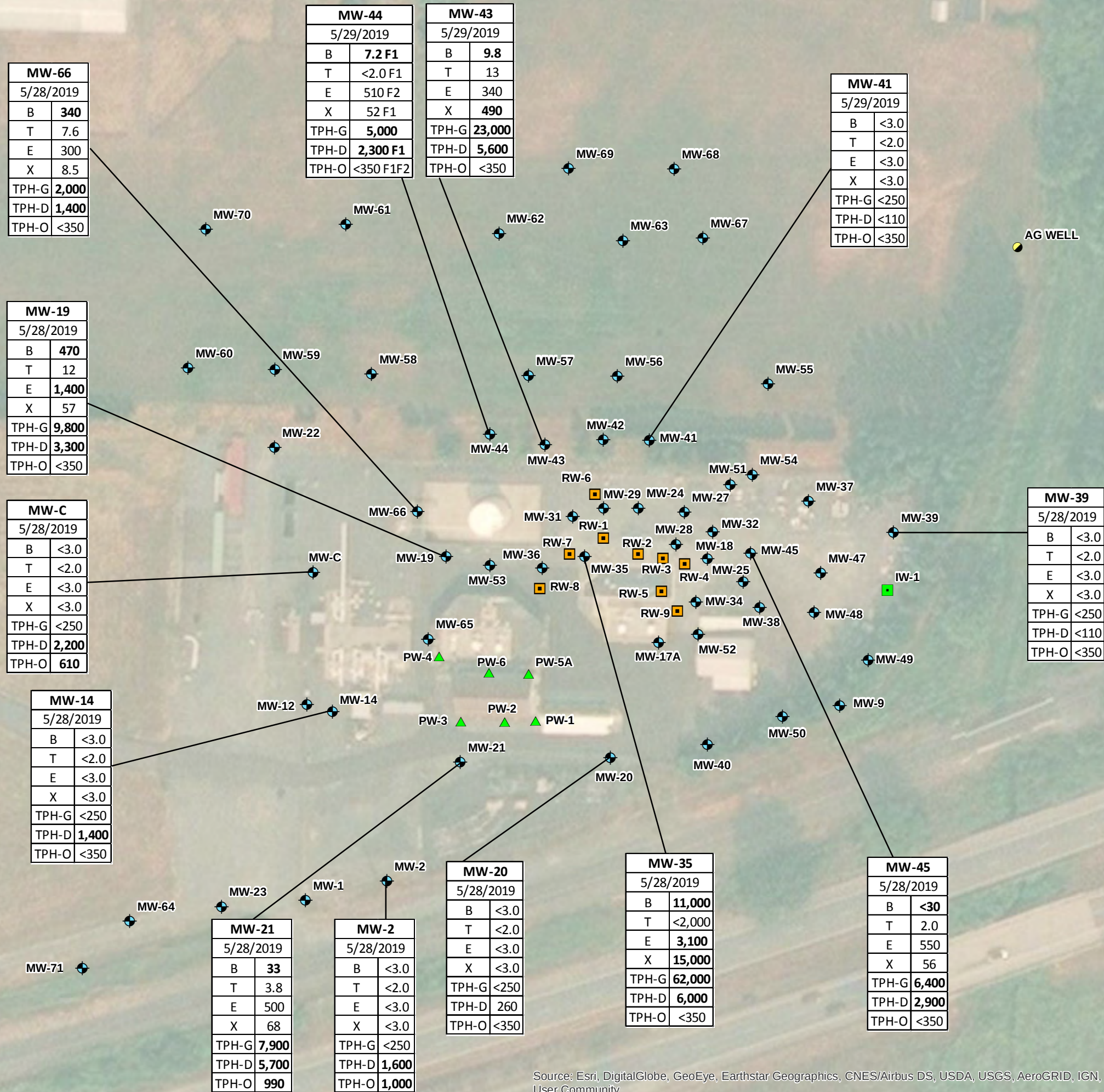


FIGURE 4A
Potentiometric Surface Map
May 28, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

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

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



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
F1 = MS and/or MSD Recovery is outside acceptance limits
F2 = MS/MSD RPD exceeds control limits
* = LCS or LSCD is outside acceptance limits

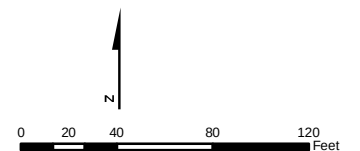


FIGURE 4B
Groundwater Analytical Data Map
May 28-29, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

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

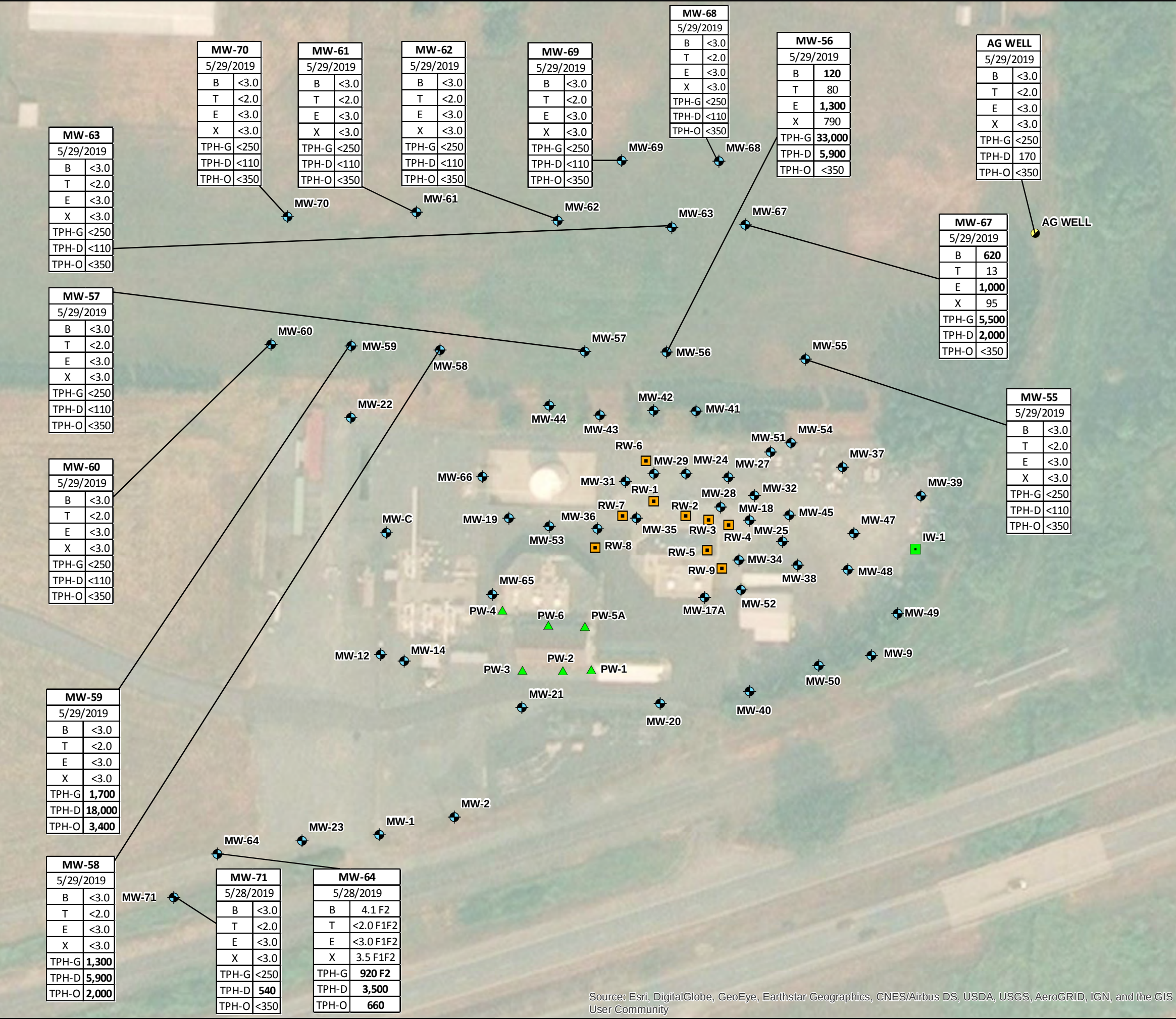


FIGURE 4C
Groundwater Analytical Data Map
May 28-29, 2019
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

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\Fig4C.mxd

anteagroup



Appendix A

Analytical Lab Reports and Chain-of-Custody Documentation



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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

TestAmerica Job ID: 580-84419-1

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

M. Elaine Walker

Authorized for release by:
3/22/2019 4:08:28 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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.

1
2
3
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11

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The signature on the cover page extends to the case narrative and all the data and forms in the package. The Chain of Custody is included and is an integral part of this report.



Elaine Walker
Project Manager II
3/22/2019 4:08:28 PM

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions	6
Client Sample Results	7
QC Sample Results	43
Chronicle	58
Certification Summary	67
Sample Summary	68
Chain of Custody	69
Receipt Checklists	76



Case Narrative

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

TestAmerica Job ID: 580-84419-1

Job ID: 580-84419-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative 580-84419-1

Receipt

Thirty-six samples were received on 3/8/2019 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were -0.1° C, -0.1° C, 0.1° C, 2.3° C and 2.9° C.

GC/MS VOA

Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 580-296017 recovered outside control limits for the following analytes: Benzene. The LCS and LCSD recoveries met acceptance limits.

Method(s) 8260C: The following volatile samples were analyzed with significant headspace in the sample container(s): Trip Blank-1_20190307 (580-84419-31), Trip Blank-2_20190307 (580-84419-32) and Trip Blank-3_20190307 (580-84419-33). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) 8260C: The matrix spike(MS) recoveries and precision for analytical batch 580-296130 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20190307 (580-84419-4), MW-21_20190307 (580-84419-6), MW-35_20190307 (580-84419-7), MW-43_20190307 (580-84419-10), MW-44_20190307 (580-84419-11), MW-45_20190307 (580-84419-12), MW-56_20190307 (580-84419-15), MW-66_20190307 (580-84419-24), Dup-2_20190307 (580-84419-35) and Dup-3_20190307 (580-84419-36). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The surrogate recovery for the blank associated with analytical batch 580-296130 was outside the upper control limits.

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 580-296132 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method(s) 8260C: The following samples were re-analyzed due to possible carryover in initial analysis: MW-39_20190307 (580-84419-8) and MW-44_20190307 (580-84419-11).

Method(s) NWTPH-Gx: Surrogate recovery for the following sample was outside control limits: MW-19_20190307 (580-84419-4), MW-21_20190307 (580-84419-6), MW-45_20190307 (580-84419-12), and Dup-3_20190307 (580-84419-36). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: The following volatile samples were analyzed with significant headspace in the sample container(s): MW-35_20190307 (580-84419-7), Trip Blank-2_20190307 (580-84419-32) and Trip Blank-3_20190307 (580-84419-33). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) NWTPH-Gx: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 580-296662 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method(s) NWTPH-Gx: The following samples were analyzed at reduced volume due to high concentrations of target analytes: MW-35_20190307 (580-84419-7) and MW-43_20190307 (580-84419-10). The calculation was done using an initial volume adjustment rather than a dilution factor. The reporting limits have been elevated by the appropriate factor.

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: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later

Case Narrative

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

TestAmerica Job ID: 580-84419-1

Job ID: 580-84419-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

than the typical diesel fuel pattern used by the laboratory for quantitative purposes: C_20190307 (580-84419-1), MW-2_20190307 (580-84419-2), MW-2_20190307 (580-84419-2[MS]), MW-2_20190307 (580-84419-2[MSD]), MW-58_20190307 (580-84419-17), MW-59_20190307 (580-84419-18), and MW-71_20190307 (580-84419-29).

Method(s) NWTPH-Dx: The peak profiles present in MW-66_20190307 (580-84419-24), MW-67_20190307 (580-84419-25) and Dup-2_20190307 (580-84419-35) are atypical of a hydrocarbon pattern and consists of discrete peaks earlier in the diesel range.

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-19_20190307 (580-84419-4), MW-21_20190307 (580-84419-6), MW-35_20190307 (580-84419-7), MW-43_20190307 (580-84419-10), MW-44_20190307 (580-84419-11), MW-45_20190307 (580-84419-12) and MW-57_20190307 (580-84419-16).

Method(s) NWTPH-Dx: Due to the high concentration of #2 Diesel (C10-C24), the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 580-296139 and analytical batch 580-296271 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

Definitions/Glossary

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

TestAmerica Job ID: 580-84419-1

Qualifiers

GC/MS VOA

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

GC VOA

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

GC Semi 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.

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)

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: C_20190307

Date Collected: 03/07/19 15:05

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-1

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			03/11/19 13:03	1
Toluene	ND		2.0		ug/L			03/11/19 13:03	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 13:03	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 120		03/11/19 13:03	1
Toluene-d8 (Surr)	108		80 - 122		03/11/19 13:03	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		03/11/19 13:03	1
4-Bromofluorobenzene (Surr)	104		80 - 125		03/11/19 13:03	1
Dibromofluoromethane (Surr)	98		77 - 120		03/11/19 13:03	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			03/19/19 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		50 - 150		03/19/19 19:02	1
Trifluorotoluene (Surr)	108		50 - 150		03/19/19 19:02	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)	700		110		ug/L		03/12/19 13:35	03/13/19 15:09	1
Motor Oil (>C24-C36)	670		350		ug/L		03/12/19 13:35	03/13/19 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150	03/12/19 13:35	03/13/19 15:09	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-2_20190307

Date Collected: 03/07/19 14:30

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	51	F2	3.0		ug/L			03/12/19 20:50	1
Toluene	ND	F1 F2	2.0		ug/L			03/12/19 20:50	1
Ethylbenzene	9.0	F1 F2	3.0		ug/L			03/12/19 20:50	1
Xylenes, Total	ND	F1 F2	3.0		ug/L			03/12/19 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		03/12/19 20:50	1
Toluene-d8 (Surr)	101		80 - 122		03/12/19 20:50	1
1,2-Dichloroethane-d4 (Surr)	109		80 - 126		03/12/19 20:50	1
4-Bromofluorobenzene (Surr)	102		80 - 125		03/12/19 20:50	1
Dibromofluoromethane (Surr)	98		77 - 120		03/12/19 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	740	F1 F2	250		ug/L			03/20/19 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150		03/20/19 00:54	1
Trifluorotoluene (Surr)	108		50 - 150		03/20/19 00:54	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)	2000		110		ug/L		03/12/19 13:35	03/13/19 15:29	1
Motor Oil (>C24-C36)	1400		350		ug/L		03/12/19 13:35	03/13/19 15:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	03/12/19 13:35	03/13/19 15:29	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-14_20190307

Lab Sample ID: 580-84419-3

Date Collected: 03/07/19 14:35

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	F1 F2	3.0		ug/L			03/12/19 22:05	1
Toluene	ND	F1	2.0		ug/L			03/12/19 22:05	1
Ethylbenzene	ND	F1	3.0		ug/L			03/12/19 22:05	1
Xylenes, Total	ND	F1 F2	3.0		ug/L			03/12/19 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		03/12/19 22:05	1
Toluene-d8 (Surr)	102		80 - 122		03/12/19 22:05	1
1,2-Dichloroethane-d4 (Surr)	109		80 - 126		03/12/19 22:05	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 22:05	1
Dibromofluoromethane (Surr)	101		77 - 120		03/12/19 22:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	510	F1	250		ug/L			03/19/19 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		50 - 150		03/19/19 21:18	1
Trifluorotoluene (Surr)	103		50 - 150		03/19/19 21:18	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)	710		110		ug/L		03/12/19 13:35	03/14/19 11:47	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	03/12/19 13:35	03/14/19 11:47	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-19_20190307

Lab Sample ID: 580-84419-4

Date Collected: 03/07/19 15:45

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	12		2.0		ug/L			03/11/19 15:57	1
Xylenes, Total	72		3.0		ug/L			03/11/19 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/11/19 15:57	1
Toluene-d8 (Surr)	104		80 - 122					03/11/19 15:57	1
1,2-Dichloroethane-d4 (Surr)	109		80 - 126					03/11/19 15:57	1
4-Bromofluorobenzene (Surr)	106		80 - 125					03/11/19 15:57	1
Dibromofluoromethane (Surr)	99		77 - 120					03/11/19 15:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	380		15		ug/L			03/12/19 23:43	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120					03/12/19 23:43	5
Toluene-d8 (Surr)	105		80 - 122					03/12/19 23:43	5
1,2-Dichloroethane-d4 (Surr)	108		80 - 126					03/12/19 23:43	5
4-Bromofluorobenzene (Surr)	106		80 - 125					03/12/19 23:43	5
Dibromofluoromethane (Surr)	103		77 - 120					03/12/19 23:43	5

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1600		60		ug/L			03/13/19 15:07	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/13/19 15:07	20
Toluene-d8 (Surr)	102		80 - 122					03/13/19 15:07	20
1,2-Dichloroethane-d4 (Surr)	111		80 - 126					03/13/19 15:07	20
4-Bromofluorobenzene (Surr)	102		80 - 125					03/13/19 15:07	20
Dibromofluoromethane (Surr)	103		77 - 120					03/13/19 15:07	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	12000		250		ug/L			03/21/19 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	225	X	50 - 150					03/21/19 19:44	1
Trifluorotoluene (Surr)	142		50 - 150					03/21/19 19:44	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)	5200		110		ug/L		03/12/19 13:35	03/14/19 12:48	1
Motor Oil (>C24-C36)	680		350		ug/L		03/12/19 13:35	03/14/19 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150				03/12/19 13:35	03/14/19 12:48	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-20_20190307

Date Collected: 03/07/19 15:40

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-5

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			03/11/19 16:22	1
Toluene	ND		2.0		ug/L			03/11/19 16:22	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 16:22	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/11/19 16:22	1
Toluene-d8 (Surr)	104		80 - 122		03/11/19 16:22	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/11/19 16:22	1
4-Bromofluorobenzene (Surr)	103		80 - 125		03/11/19 16:22	1
Dibromofluoromethane (Surr)	100		77 - 120		03/11/19 16:22	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			03/19/19 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		50 - 150		03/19/19 19:29	1
Trifluorotoluene (Surr)	106		50 - 150		03/19/19 19:29	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		03/12/19 13:35	03/14/19 13:08	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	101		50 - 150	03/12/19 13:35	03/14/19 13:08	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-21_20190307

Lab Sample ID: 580-84419-6

Date Collected: 03/07/19 15:10

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	32		3.0		ug/L			03/11/19 16:46	1
Toluene	3.7		2.0		ug/L			03/11/19 16:46	1
Xylenes, Total	130		3.0		ug/L			03/11/19 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/11/19 16:46	1
Toluene-d8 (Surr)	103		80 - 122					03/11/19 16:46	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					03/11/19 16:46	1
4-Bromofluorobenzene (Surr)	104		80 - 125					03/11/19 16:46	1
Dibromofluoromethane (Surr)	99		77 - 120					03/11/19 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	670		30		ug/L			03/13/19 00:07	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					03/13/19 00:07	10
Toluene-d8 (Surr)	103		80 - 122					03/13/19 00:07	10
1,2-Dichloroethane-d4 (Surr)	107		80 - 126					03/13/19 00:07	10
4-Bromofluorobenzene (Surr)	104		80 - 125					03/13/19 00:07	10
Dibromofluoromethane (Surr)	101		77 - 120					03/13/19 00:07	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			03/19/19 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	207	X	50 - 150					03/19/19 19:56	1
Trifluorotoluene (Surr)	143		50 - 150					03/19/19 19:56	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)	9700		110		ug/L		03/12/19 13:35	03/14/19 13:28	1
Motor Oil (>C24-C36)	2600		350		ug/L		03/12/19 13:35	03/14/19 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150				03/12/19 13:35	03/14/19 13:28	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-35_20190307

Date Collected: 03/07/19 16:05

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	740		20		ug/L			03/13/19 01:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					03/13/19 01:22	10
Toluene-d8 (Surr)	108		80 - 122					03/13/19 01:22	10
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					03/13/19 01:22	10
4-Bromofluorobenzene (Surr)	108		80 - 125					03/13/19 01:22	10
Dibromofluoromethane (Surr)	94		77 - 120					03/13/19 01:22	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12000		300		ug/L			03/13/19 15:32	100
Ethylbenzene	3400		300		ug/L			03/13/19 15:32	100
Xylenes, Total	14000		300		ug/L			03/13/19 15:32	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/13/19 15:32	100
Toluene-d8 (Surr)	105		80 - 122					03/13/19 15:32	100
1,2-Dichloroethane-d4 (Surr)	113		80 - 126					03/13/19 15:32	100
4-Bromofluorobenzene (Surr)	102		80 - 125					03/13/19 15:32	100
Dibromofluoromethane (Surr)	102		77 - 120					03/13/19 15:32	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	54000		2500		ug/L			03/21/19 20:38	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		50 - 150					03/21/19 20:38	10
Trifluorotoluene (Surr)	105		50 - 150					03/21/19 20:38	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)	7300		110		ug/L		03/12/19 13:35	03/14/19 13:48	1
Motor Oil (>C24-C36)	520		360		ug/L		03/12/19 13:35	03/14/19 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150				03/12/19 13:35	03/14/19 13:48	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-39_20190307

Lab Sample ID: 580-84419-8

Date Collected: 03/07/19 16:00

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 17:36	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/11/19 17:36	1
Toluene-d8 (Surr)	106		80 - 122					03/11/19 17:36	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					03/11/19 17:36	1
4-Bromofluorobenzene (Surr)	103		80 - 125					03/11/19 17:36	1
Dibromofluoromethane (Surr)	99		77 - 120					03/11/19 17:36	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			03/13/19 01:46	1
Xylenes, Total	ND		3.0		ug/L			03/13/19 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/13/19 01:46	1
Toluene-d8 (Surr)	104		80 - 122					03/13/19 01:46	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					03/13/19 01:46	1
4-Bromofluorobenzene (Surr)	101		80 - 125					03/13/19 01:46	1
Dibromofluoromethane (Surr)	98		77 - 120					03/13/19 01:46	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			03/19/19 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		50 - 150					03/19/19 23:06	1
Trifluorotoluene (Surr)	105		50 - 150					03/19/19 23:06	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		03/12/19 13:35	03/14/19 14:08	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	107		50 - 150				03/12/19 13:35	03/14/19 14:08	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-41_20190307

Lab Sample ID: 580-84419-9

Date Collected: 03/07/19 11:50

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 18:00	1
Toluene	ND		2.0		ug/L			03/11/19 18:00	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 18:00	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 18:00	1
Toluene-d8 (Surr)	107		80 - 122		03/11/19 18:00	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		03/11/19 18:00	1
4-Bromofluorobenzene (Surr)	101		80 - 125		03/11/19 18:00	1
Dibromofluoromethane (Surr)	101		77 - 120		03/11/19 18:00	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			03/19/19 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		50 - 150		03/19/19 23:33	1
Trifluorotoluene (Surr)	102		50 - 150		03/19/19 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		03/12/19 13:35	03/14/19 14:29	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/12/19 13:35	03/14/19 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	104		50 - 150	03/12/19 13:35	03/14/19 14:29	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-43_20190307

Lab Sample ID: 580-84419-10

Date Collected: 03/07/19 12:10

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.1		3.0		ug/L			03/11/19 18:25	1
Toluene	18		2.0		ug/L			03/11/19 18:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					03/11/19 18:25	1
Toluene-d8 (Surr)	102		80 - 122					03/11/19 18:25	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					03/11/19 18:25	1
4-Bromofluorobenzene (Surr)	101		80 - 125					03/11/19 18:25	1
Dibromofluoromethane (Surr)	100		77 - 120					03/11/19 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	290		15		ug/L			03/12/19 20:11	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120					03/12/19 20:11	5
Toluene-d8 (Surr)	98		80 - 122					03/12/19 20:11	5
1,2-Dichloroethane-d4 (Surr)	121		80 - 126					03/12/19 20:11	5
4-Bromofluorobenzene (Surr)	106		80 - 125					03/12/19 20:11	5
Dibromofluoromethane (Surr)	106		77 - 120					03/12/19 20:11	5

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1200		30		ug/L			03/13/19 15:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					03/13/19 15:56	10
Toluene-d8 (Surr)	100		80 - 122					03/13/19 15:56	10
1,2-Dichloroethane-d4 (Surr)	110		80 - 126					03/13/19 15:56	10
4-Bromofluorobenzene (Surr)	101		80 - 125					03/13/19 15:56	10
Dibromofluoromethane (Surr)	98		77 - 120					03/13/19 15:56	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	23000		2500		ug/L			03/21/19 21:05	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		50 - 150					03/21/19 21:05	10
Trifluorotoluene (Surr)	102		50 - 150					03/21/19 21:05	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)	6900		110		ug/L		03/12/19 13:35	03/14/19 15:29	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				03/12/19 13:35	03/14/19 15:29	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-44_20190307

Lab Sample ID: 580-84419-11

Date Collected: 03/07/19 12:05

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 18:50	1
Toluene	ND		2.0		ug/L			03/11/19 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120					03/11/19 18:50	1
Toluene-d8 (Surr)	106		80 - 122					03/11/19 18:50	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					03/11/19 18:50	1
4-Bromofluorobenzene (Surr)	102		80 - 125					03/11/19 18:50	1
Dibromofluoromethane (Surr)	95		77 - 120					03/11/19 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	180		15		ug/L			03/13/19 02:11	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/13/19 02:11	5
Toluene-d8 (Surr)	107		80 - 122					03/13/19 02:11	5
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					03/13/19 02:11	5
4-Bromofluorobenzene (Surr)	102		80 - 125					03/13/19 02:11	5
Dibromofluoromethane (Surr)	96		77 - 120					03/13/19 02:11	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	16		3.0		ug/L			03/13/19 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120					03/13/19 02:35	1
Toluene-d8 (Surr)	107		80 - 122					03/13/19 02:35	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 126					03/13/19 02:35	1
4-Bromofluorobenzene (Surr)	106		80 - 125					03/13/19 02:35	1
Dibromofluoromethane (Surr)	99		77 - 120					03/13/19 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2200		250		ug/L			03/21/19 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150					03/21/19 20:11	1
Trifluorotoluene (Surr)	90		50 - 150					03/21/19 20:11	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)	550		110		ug/L		03/12/19 13:35	03/14/19 14:49	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	112		50 - 150				03/12/19 13:35	03/14/19 14:49	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-45_20190307

Lab Sample ID: 580-84419-12

Date Collected: 03/07/19 16:20

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 19:14	1
Toluene	3.2		2.0		ug/L			03/11/19 19:14	1
Xylenes, Total	11		3.0		ug/L			03/11/19 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/11/19 19:14	1
Toluene-d8 (Surr)	104		80 - 122		03/11/19 19:14	1
1,2-Dichloroethane-d4 (Surr)	96		80 - 126		03/11/19 19:14	1
4-Bromofluorobenzene (Surr)	105		80 - 125		03/11/19 19:14	1
Dibromofluoromethane (Surr)	99		77 - 120		03/11/19 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	400		15		ug/L			03/12/19 21:00	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/12/19 21:00	5
Toluene-d8 (Surr)	100		80 - 122		03/12/19 21:00	5
1,2-Dichloroethane-d4 (Surr)	116		80 - 126		03/12/19 21:00	5
4-Bromofluorobenzene (Surr)	100		80 - 125		03/12/19 21:00	5
Dibromofluoromethane (Surr)	102		77 - 120		03/12/19 21:00	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7500		250		ug/L			03/20/19 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	235	X	50 - 150		03/20/19 05:53	1
Trifluorotoluene (Surr)	104		50 - 150		03/20/19 05:53	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)	2300		120		ug/L		03/12/19 13:35	03/14/19 15:49	1
Motor Oil (>C24-C36)	ND		380		ug/L		03/12/19 13:35	03/14/19 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		50 - 150	03/12/19 13:35	03/14/19 15:49	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-54_20190307

Lab Sample ID: 580-84419-13

Date Collected: 03/07/19 16:35

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 19:39	1
Toluene	ND		2.0		ug/L			03/11/19 19:39	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 19:39	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/11/19 19:39	1
Toluene-d8 (Surr)	104		80 - 122		03/11/19 19:39	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		03/11/19 19:39	1
4-Bromofluorobenzene (Surr)	102		80 - 125		03/11/19 19:39	1
Dibromofluoromethane (Surr)	93		77 - 120		03/11/19 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	270		250		ug/L			03/20/19 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65		50 - 150		03/20/19 06:20	1
Trifluorotoluene (Surr)	93		50 - 150		03/20/19 06:20	1

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-55_20190307

Lab Sample ID: 580-84419-14

Date Collected: 03/07/19 11:15

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 20:04	1
Toluene	ND		2.0		ug/L			03/11/19 20:04	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 20:04	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/11/19 20:04	1
Toluene-d8 (Surr)	106		80 - 122		03/11/19 20:04	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/11/19 20:04	1
4-Bromofluorobenzene (Surr)	100		80 - 125		03/11/19 20:04	1
Dibromofluoromethane (Surr)	101		77 - 120		03/11/19 20:04	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			03/20/19 06:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		50 - 150		03/20/19 06:47	1
Trifluorotoluene (Surr)	101		50 - 150		03/20/19 06:47	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		03/12/19 13:35	03/14/19 16:09	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	03/12/19 13:35	03/14/19 16:09	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-56_20190307

Lab Sample ID: 580-84419-15

Date Collected: 03/07/19 10:55

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	35		3.0		ug/L			03/11/19 20:29	1
Toluene	30		2.0		ug/L			03/11/19 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					03/11/19 20:29	1
Toluene-d8 (Surr)	102		80 - 122					03/11/19 20:29	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126					03/11/19 20:29	1
4-Bromofluorobenzene (Surr)	104		80 - 125					03/11/19 20:29	1
Dibromofluoromethane (Surr)	97		77 - 120					03/11/19 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	560		30		ug/L			03/12/19 21:24	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/12/19 21:24	10
Toluene-d8 (Surr)	98		80 - 122					03/12/19 21:24	10
1,2-Dichloroethane-d4 (Surr)	113		80 - 126					03/12/19 21:24	10
4-Bromofluorobenzene (Surr)	102		80 - 125					03/12/19 21:24	10
Dibromofluoromethane (Surr)	101		77 - 120					03/12/19 21:24	10

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2600		60		ug/L			03/13/19 16:21	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/13/19 16:21	20
Toluene-d8 (Surr)	110		80 - 122					03/13/19 16:21	20
1,2-Dichloroethane-d4 (Surr)	107		80 - 126					03/13/19 16:21	20
4-Bromofluorobenzene (Surr)	99		80 - 125					03/13/19 16:21	20
Dibromofluoromethane (Surr)	98		77 - 120					03/13/19 16:21	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	16000		250		ug/L			03/20/19 07:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131		50 - 150					03/20/19 07:13	1
Trifluorotoluene (Surr)	115		50 - 150					03/20/19 07:13	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		03/12/19 13:35	03/14/19 16:29	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	103		50 - 150				03/12/19 13:35	03/14/19 16:29	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-57_20190307

Lab Sample ID: 580-84419-16

Date Collected: 03/07/19 10:35

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 20:53	1
Toluene	ND		2.0		ug/L			03/11/19 20:53	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 20:53	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/11/19 20:53	1
Toluene-d8 (Surr)	107		80 - 122		03/11/19 20:53	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/11/19 20:53	1
4-Bromofluorobenzene (Surr)	103		80 - 125		03/11/19 20:53	1
Dibromofluoromethane (Surr)	99		77 - 120		03/11/19 20:53	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			03/20/19 07:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		50 - 150		03/20/19 07:40	1
Trifluorotoluene (Surr)	93		50 - 150		03/20/19 07:40	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)	1600		110		ug/L		03/12/19 13:35	03/14/19 16:49	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/14/19 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150	03/12/19 13:35	03/14/19 16:49	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-58_20190307

Lab Sample ID: 580-84419-17

Date Collected: 03/07/19 10:15

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 21:18	1
Toluene	ND		2.0		ug/L			03/11/19 21:18	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 21:18	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120		03/11/19 21:18	1
Toluene-d8 (Surr)	107		80 - 122		03/11/19 21:18	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/11/19 21:18	1
4-Bromofluorobenzene (Surr)	97		80 - 125		03/11/19 21:18	1
Dibromofluoromethane (Surr)	96		77 - 120		03/11/19 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	930		250		ug/L			03/20/19 08:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		50 - 150		03/20/19 08:08	1
Trifluorotoluene (Surr)	91		50 - 150		03/20/19 08:08	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)	6400		110		ug/L		03/12/19 13:35	03/14/19 17:09	1
Motor Oil (>C24-C36)	2200		350		ug/L		03/12/19 13:35	03/14/19 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150	03/12/19 13:35	03/14/19 17:09	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-59_20190307

Lab Sample ID: 580-84419-18

Date Collected: 03/07/19 09:35

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	F2 F1	3.0		ug/L			03/12/19 22:13	1
Toluene	ND	F2 F1	2.0		ug/L			03/12/19 22:13	1
Ethylbenzene	ND	F2 F1	3.0		ug/L			03/12/19 22:13	1
Xylenes, Total	ND	F2 F1	3.0		ug/L			03/12/19 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/12/19 22:13	1
Toluene-d8 (Surr)	97		80 - 122		03/12/19 22:13	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 126		03/12/19 22:13	1
4-Bromofluorobenzene (Surr)	104		80 - 125		03/12/19 22:13	1
Dibromofluoromethane (Surr)	99		77 - 120		03/12/19 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2400		250		ug/L			03/20/19 09:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		50 - 150		03/20/19 09:29	1
Trifluorotoluene (Surr)	104		50 - 150		03/20/19 09:29	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)	16000		110		ug/L		03/13/19 05:50	03/14/19 17:50	1
Motor Oil (>C24-C36)	3900		350		ug/L		03/13/19 05:50	03/14/19 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	03/13/19 05:50	03/14/19 17:50	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-60_20190307

Lab Sample ID: 580-84419-19

Date Collected: 03/07/19 09:30

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 20:42	1
Toluene	ND		2.0		ug/L			03/11/19 20:42	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 20:42	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 20:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/11/19 20:42	1
Toluene-d8 (Surr)	101		80 - 122		03/11/19 20:42	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		03/11/19 20:42	1
4-Bromofluorobenzene (Surr)	105		80 - 125		03/11/19 20:42	1
Dibromofluoromethane (Surr)	112		77 - 120		03/11/19 20:42	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			03/20/19 09:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		50 - 150		03/20/19 09:02	1
Trifluorotoluene (Surr)	104		50 - 150		03/20/19 09:02	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)	500		110		ug/L		03/13/19 05:50	03/14/19 00:12	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		50 - 150	03/13/19 05:50	03/14/19 00:12	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-61_20190307

Lab Sample ID: 580-84419-20

Date Collected: 03/07/19 10:10

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 21:06	1
Toluene	ND		2.0		ug/L			03/11/19 21:06	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 21:06	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 21:06	1
Toluene-d8 (Surr)	102		80 - 122		03/11/19 21:06	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		03/11/19 21:06	1
4-Bromofluorobenzene (Surr)	101		80 - 125		03/11/19 21:06	1
Dibromofluoromethane (Surr)	103		77 - 120		03/11/19 21:06	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			03/21/19 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		50 - 150		03/21/19 14:18	1
Trifluorotoluene (Surr)	108		50 - 150		03/21/19 14:18	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)	ND		120		ug/L		03/13/19 05:50	03/14/19 00:32	1
Motor Oil (>C24-C36)	ND		370		ug/L		03/13/19 05:50	03/14/19 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	101		50 - 150	03/13/19 05:50	03/14/19 00:32	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-62_20190307

Lab Sample ID: 580-84419-21

Date Collected: 03/07/19 10:30

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 21:31	1
Toluene	ND		2.0		ug/L			03/11/19 21:31	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 21:31	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 21:31	1
Toluene-d8 (Surr)	100		80 - 122		03/11/19 21:31	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		03/11/19 21:31	1
4-Bromofluorobenzene (Surr)	100		80 - 125		03/11/19 21:31	1
Dibromofluoromethane (Surr)	103		77 - 120		03/11/19 21:31	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			03/21/19 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67		50 - 150		03/21/19 14:45	1
Trifluorotoluene (Surr)	104		50 - 150		03/21/19 14:45	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		110		ug/L		03/13/19 05:50	03/14/19 00:52	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150	03/13/19 05:50	03/14/19 00:52	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-63_20190307

Lab Sample ID: 580-84419-22

Date Collected: 03/07/19 11:20

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 21:55	1
Toluene	ND		2.0		ug/L			03/11/19 21:55	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 21:55	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 21:55	1
Toluene-d8 (Surr)	101		80 - 122		03/11/19 21:55	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/11/19 21:55	1
4-Bromofluorobenzene (Surr)	99		80 - 125		03/11/19 21:55	1
Dibromofluoromethane (Surr)	103		77 - 120		03/11/19 21:55	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			03/21/19 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69		50 - 150		03/21/19 15:13	1
Trifluorotoluene (Surr)	102		50 - 150		03/21/19 15:13	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		03/13/19 05:50	03/14/19 01:12	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	113		50 - 150	03/13/19 05:50	03/14/19 01:12	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-64_20190307

Lab Sample ID: 580-84419-23

Date Collected: 03/07/19 12:40

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 22:20	1
Toluene	ND		2.0		ug/L			03/11/19 22:20	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 22:20	1
Xylenes, Total	5.1		3.0		ug/L			03/11/19 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 22:20	1
Toluene-d8 (Surr)	101		80 - 122		03/11/19 22:20	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/11/19 22:20	1
4-Bromofluorobenzene (Surr)	100		80 - 125		03/11/19 22:20	1
Dibromofluoromethane (Surr)	101		77 - 120		03/11/19 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1500		250		ug/L			03/21/19 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133		50 - 150		03/21/19 15:40	1
Trifluorotoluene (Surr)	106		50 - 150		03/21/19 15:40	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)	3100		110		ug/L		03/13/19 05:50	03/14/19 01:32	1
Motor Oil (>C24-C36)	630		350		ug/L		03/13/19 05:50	03/14/19 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	03/13/19 05:50	03/14/19 01:32	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-66_20190307

Lab Sample ID: 580-84419-24

Date Collected: 03/07/19 15:25

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	2.9		2.0		ug/L			03/11/19 22:44	1
Ethylbenzene	90		3.0		ug/L			03/11/19 22:44	1
Xylenes, Total	4.8		3.0		ug/L			03/11/19 22:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					03/11/19 22:44	1
Toluene-d8 (Surr)	101		80 - 122					03/11/19 22:44	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					03/11/19 22:44	1
4-Bromofluorobenzene (Surr)	102		80 - 125					03/11/19 22:44	1
Dibromofluoromethane (Surr)	100		77 - 120					03/11/19 22:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	130		15		ug/L			03/12/19 23:27	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/12/19 23:27	5
Toluene-d8 (Surr)	101		80 - 122					03/12/19 23:27	5
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					03/12/19 23:27	5
4-Bromofluorobenzene (Surr)	101		80 - 125					03/12/19 23:27	5
Dibromofluoromethane (Surr)	99		77 - 120					03/12/19 23:27	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1900		250		ug/L			03/21/19 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		50 - 150					03/21/19 16:06	1
Trifluorotoluene (Surr)	107		50 - 150					03/21/19 16:06	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)	900		110		ug/L		03/13/19 05:50	03/14/19 01:52	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150				03/13/19 05:50	03/14/19 01:52	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-67_20190307

Lab Sample ID: 580-84419-25

Date Collected: 03/07/19 11:30

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	87	*	3.0		ug/L			03/11/19 23:09	1
Toluene	ND		2.0		ug/L			03/11/19 23:09	1
Ethylbenzene	29		3.0		ug/L			03/11/19 23:09	1
Xylenes, Total	3.0		3.0		ug/L			03/11/19 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/11/19 23:09	1
Toluene-d8 (Surr)	102		80 - 122		03/11/19 23:09	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		03/11/19 23:09	1
4-Bromofluorobenzene (Surr)	102		80 - 125		03/11/19 23:09	1
Dibromofluoromethane (Surr)	100		77 - 120		03/11/19 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	680		250		ug/L			03/21/19 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		50 - 150		03/21/19 16:34	1
Trifluorotoluene (Surr)	101		50 - 150		03/21/19 16:34	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)	350		110		ug/L		03/13/19 05:50	03/14/19 02:13	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/13/19 05:50	03/14/19 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	101		50 - 150	03/13/19 05:50	03/14/19 02:13	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-68_20190307

Lab Sample ID: 580-84419-26

Date Collected: 03/07/19 11:00

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 23:33	1
Toluene	ND		2.0		ug/L			03/11/19 23:33	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 23:33	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 23:33	1
Toluene-d8 (Surr)	103		80 - 122		03/11/19 23:33	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		03/11/19 23:33	1
4-Bromofluorobenzene (Surr)	101		80 - 125		03/11/19 23:33	1
Dibromofluoromethane (Surr)	105		77 - 120		03/11/19 23:33	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			03/21/19 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63		50 - 150		03/21/19 17:01	1
Trifluorotoluene (Surr)	103		50 - 150		03/21/19 17:01	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)	ND		110		ug/L		03/13/19 05:50	03/14/19 02:33	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		50 - 150	03/13/19 05:50	03/14/19 02:33	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-69_20190307

Lab Sample ID: 580-84419-27

Date Collected: 03/07/19 10:40

Matrix: Water

Date Received: 03/08/19 12:30

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			03/11/19 23:58	1
Toluene	ND		2.0		ug/L			03/11/19 23:58	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 23:58	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/11/19 23:58	1
Toluene-d8 (Surr)	100		80 - 122		03/11/19 23:58	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		03/11/19 23:58	1
4-Bromofluorobenzene (Surr)	96		80 - 125		03/11/19 23:58	1
Dibromofluoromethane (Surr)	102		77 - 120		03/11/19 23:58	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			03/21/19 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61		50 - 150		03/21/19 17:55	1
Trifluorotoluene (Surr)	92		50 - 150		03/21/19 17:55	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		03/13/19 05:50	03/14/19 02:53	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 02:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150	03/13/19 05:50	03/14/19 02:53	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-70_20190307

Lab Sample ID: 580-84419-28

Date Collected: 03/07/19 09:50

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 00:22	1
Toluene	ND		2.0		ug/L			03/12/19 00:22	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 00:22	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 00:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/12/19 00:22	1
Toluene-d8 (Surr)	101		80 - 122		03/12/19 00:22	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		03/12/19 00:22	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 00:22	1
Dibromofluoromethane (Surr)	102		77 - 120		03/12/19 00:22	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			03/21/19 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63		50 - 150		03/21/19 18:22	1
Trifluorotoluene (Surr)	93		50 - 150		03/21/19 18:22	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		03/13/19 05:50	03/14/19 03:13	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		50 - 150	03/13/19 05:50	03/14/19 03:13	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-71_20190307

Lab Sample ID: 580-84419-29

Date Collected: 03/07/19 12:35

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 00:47	1
Toluene	ND		2.0		ug/L			03/12/19 00:47	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 00:47	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 00:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/12/19 00:47	1
Toluene-d8 (Surr)	101		80 - 122		03/12/19 00:47	1
1,2-Dichloroethane-d4 (Surr)	107		80 - 126		03/12/19 00:47	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 00:47	1
Dibromofluoromethane (Surr)	104		77 - 120		03/12/19 00:47	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			03/21/19 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		50 - 150		03/21/19 18:49	1
Trifluorotoluene (Surr)	105		50 - 150		03/21/19 18:49	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)	570		110		ug/L		03/13/19 05:50	03/14/19 03:53	1
Motor Oil (>C24-C36)	450		350		ug/L		03/13/19 05:50	03/14/19 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150	03/13/19 05:50	03/14/19 03:53	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: AG-WELL_20190307

Lab Sample ID: 580-84419-30

Date Collected: 03/07/19 11:35

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 01:11	1
Toluene	ND		2.0		ug/L			03/12/19 01:11	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 01:11	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/12/19 01:11	1
Toluene-d8 (Surr)	100		80 - 122		03/12/19 01:11	1
1,2-Dichloroethane-d4 (Surr)	109		80 - 126		03/12/19 01:11	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 01:11	1
Dibromofluoromethane (Surr)	103		77 - 120		03/12/19 01:11	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			03/18/19 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69		50 - 150		03/18/19 20:41	1
Trifluorotoluene (Surr)	101		50 - 150		03/18/19 20:41	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		03/13/19 05:50	03/14/19 04:13	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150	03/13/19 05:50	03/14/19 04:13	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: Trip Blank-1_20190307

Lab Sample ID: 580-84419-31

Date Collected: 03/07/19 00:01

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 01:36	1
Toluene	ND		2.0		ug/L			03/12/19 01:36	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 01:36	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/12/19 01:36	1
Toluene-d8 (Surr)	99		80 - 122		03/12/19 01:36	1
1,2-Dichloroethane-d4 (Surr)	109		80 - 126		03/12/19 01:36	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 01:36	1
Dibromofluoromethane (Surr)	104		77 - 120		03/12/19 01:36	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			03/18/19 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		50 - 150		03/18/19 13:55	1
Trifluorotoluene (Surr)	104		50 - 150		03/18/19 13:55	1

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: Trip Blank-2_20190307

Lab Sample ID: 580-84419-32

Date Collected: 03/07/19 00:01

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 02:00	1
Toluene	ND		2.0		ug/L			03/12/19 02:00	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 02:00	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/12/19 02:00	1
Toluene-d8 (Surr)	99		80 - 122		03/12/19 02:00	1
1,2-Dichloroethane-d4 (Surr)	112		80 - 126		03/12/19 02:00	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 02:00	1
Dibromofluoromethane (Surr)	106		77 - 120		03/12/19 02:00	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			03/18/19 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		50 - 150		03/18/19 14:22	1
Trifluorotoluene (Surr)	114		50 - 150		03/18/19 14:22	1

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: Trip Blank-3_20190307

Lab Sample ID: 580-84419-33

Date Collected: 03/07/19 00:01

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 02:24	1
Toluene	ND		2.0		ug/L			03/12/19 02:24	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 02:24	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 02:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/12/19 02:24	1
Toluene-d8 (Surr)	101		80 - 122		03/12/19 02:24	1
1,2-Dichloroethane-d4 (Surr)	110		80 - 126		03/12/19 02:24	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 02:24	1
Dibromofluoromethane (Surr)	115		77 - 120		03/12/19 02:24	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			03/18/19 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		50 - 150		03/18/19 14:49	1
Trifluorotoluene (Surr)	110		50 - 150		03/18/19 14:49	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: Dup-1_20190307

Lab Sample ID: 580-84419-34

Date Collected: 03/07/19 06:00

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 02:49	1
Toluene	ND		2.0		ug/L			03/12/19 02:49	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 02:49	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/12/19 02:49	1
Toluene-d8 (Surr)	99		80 - 122		03/12/19 02:49	1
1,2-Dichloroethane-d4 (Surr)	116		80 - 126		03/12/19 02:49	1
4-Bromofluorobenzene (Surr)	99		80 - 125		03/12/19 02:49	1
Dibromofluoromethane (Surr)	106		77 - 120		03/12/19 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			03/18/19 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		50 - 150		03/18/19 21:08	1
Trifluorotoluene (Surr)	101		50 - 150		03/18/19 21:08	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)	560		110		ug/L		03/13/19 05:50	03/14/19 04:33	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		50 - 150	03/13/19 05:50	03/14/19 04:33	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: Dup-2_20190307

Lab Sample ID: 580-84419-35

Date Collected: 03/07/19 07:00

Matrix: Water

Date Received: 03/08/19 12:30

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			03/12/19 03:13	1
Toluene	ND		2.0		ug/L			03/12/19 03:13	1
Xylenes, Total	14		3.0		ug/L			03/12/19 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/12/19 03:13	1
Toluene-d8 (Surr)	101		80 - 122		03/12/19 03:13	1
1,2-Dichloroethane-d4 (Surr)	113		80 - 126		03/12/19 03:13	1
4-Bromofluorobenzene (Surr)	106		80 - 125		03/12/19 03:13	1
Dibromofluoromethane (Surr)	106		77 - 120		03/12/19 03:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	170		15		ug/L			03/12/19 23:51	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/12/19 23:51	5
Toluene-d8 (Surr)	100		80 - 122		03/12/19 23:51	5
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		03/12/19 23:51	5
4-Bromofluorobenzene (Surr)	101		80 - 125		03/12/19 23:51	5
Dibromofluoromethane (Surr)	101		77 - 120		03/12/19 23:51	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2100		250		ug/L			03/18/19 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		50 - 150		03/18/19 21:35	1
Trifluorotoluene (Surr)	110		50 - 150		03/18/19 21:35	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)	330		110		ug/L		03/13/19 05:50	03/14/19 04:53	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/14/19 04:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	103		50 - 150	03/13/19 05:50	03/14/19 04:53	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: Dup-3_20190307

Lab Sample ID: 580-84419-36

Date Collected: 03/07/19 08:00

Matrix: Water

Date Received: 03/08/19 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	31	*	3.0		ug/L			03/12/19 03:38	1
Toluene	3.1		2.0		ug/L			03/12/19 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/12/19 03:38	1
Toluene-d8 (Surr)	96		80 - 122		03/12/19 03:38	1
1,2-Dichloroethane-d4 (Surr)	108		80 - 126		03/12/19 03:38	1
4-Bromofluorobenzene (Surr)	106		80 - 125		03/12/19 03:38	1
Dibromofluoromethane (Surr)	96		77 - 120		03/12/19 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	120		15		ug/L			03/13/19 00:40	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/13/19 00:40	5
Toluene-d8 (Surr)	101		80 - 122		03/13/19 00:40	5
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		03/13/19 00:40	5
4-Bromofluorobenzene (Surr)	103		80 - 125		03/13/19 00:40	5
Dibromofluoromethane (Surr)	98		77 - 120		03/13/19 00:40	5

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	600		30		ug/L			03/13/19 00:16	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/13/19 00:16	10
Toluene-d8 (Surr)	102		80 - 122		03/13/19 00:16	10
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		03/13/19 00:16	10
4-Bromofluorobenzene (Surr)	101		80 - 125		03/13/19 00:16	10
Dibromofluoromethane (Surr)	100		77 - 120		03/13/19 00:16	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			03/18/19 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	207	X	50 - 150		03/18/19 22:30	1
Trifluorotoluene (Surr)	131		50 - 150		03/18/19 22:30	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)	8400		110		ug/L		03/13/19 05:50	03/14/19 05:13	1
Motor Oil (>C24-C36)	1500		360		ug/L		03/13/19 05:50	03/14/19 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150	03/13/19 05:50	03/14/19 05:13	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: MB 580-295965/4

Matrix: Water

Analysis Batch: 295965

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			03/11/19 11:38	1
Toluene	ND		2.0		ug/L			03/11/19 11:38	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 11:38	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 11:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/11/19 11:38	1
Toluene-d8 (Surr)	107		80 - 122		03/11/19 11:38	1
1,2-Dichloroethane-d4 (Surr)	107		80 - 126		03/11/19 11:38	1
4-Bromofluorobenzene (Surr)	100		80 - 125		03/11/19 11:38	1
Dibromofluoromethane (Surr)	99		77 - 120		03/11/19 11:38	1

Lab Sample ID: LCS 580-295965/5

Matrix: Water

Analysis Batch: 295965

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	10.1		ug/L		101	75 - 128
Toluene	10.0	10.9		ug/L		109	75 - 120
Ethylbenzene	10.0	10.0		ug/L		100	75 - 120
m-Xylene & p-Xylene	10.0	10.7		ug/L		107	75 - 120
o-Xylene	10.0	10.4		ug/L		104	74 - 120
Xylenes, Total	20.0	21.1		ug/L		106	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	97		80 - 122
1,2-Dichloroethane-d4 (Surr)	108		80 - 126
4-Bromofluorobenzene (Surr)	101		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: LCSD 580-295965/6

Matrix: Water

Analysis Batch: 295965

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	10.0		ug/L		100	75 - 128	0	14
Toluene	10.0	10.8		ug/L		108	75 - 120	1	13
Ethylbenzene	10.0	9.91		ug/L		99	75 - 120	1	14
m-Xylene & p-Xylene	10.0	10.7		ug/L		107	75 - 120	0	14
o-Xylene	10.0	10.6		ug/L		106	74 - 120	2	16
Xylenes, Total	20.0	21.3		ug/L		107	74 - 120	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	111		80 - 126

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-295965/6

Matrix: Water

Analysis Batch: 295965

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		80 - 125
Dibromofluoromethane (Surr)	102		77 - 120

Lab Sample ID: MB 580-296017/4

Matrix: Water

Analysis Batch: 296017

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			03/11/19 18:14	1
Toluene	ND		2.0		ug/L			03/11/19 18:14	1
Ethylbenzene	ND		3.0		ug/L			03/11/19 18:14	1
Xylenes, Total	ND		3.0		ug/L			03/11/19 18:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/11/19 18:14	1
Toluene-d8 (Surr)	100		80 - 122		03/11/19 18:14	1
1,2-Dichloroethane-d4 (Surr)	122		80 - 126		03/11/19 18:14	1
4-Bromofluorobenzene (Surr)	99		80 - 125		03/11/19 18:14	1
Dibromofluoromethane (Surr)	113		77 - 120		03/11/19 18:14	1

Lab Sample ID: LCS 580-296017/5

Matrix: Water

Analysis Batch: 296017

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	11.5		ug/L		115	75 - 128
Toluene	10.0	10.9		ug/L		109	75 - 120
Ethylbenzene	10.0	10.7		ug/L		107	75 - 120
m-Xylene & p-Xylene	10.0	10.6		ug/L		106	75 - 120
o-Xylene	10.0	11.5		ug/L		115	74 - 120
Xylenes, Total	20.0	22.1		ug/L		111	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	122		80 - 126
4-Bromofluorobenzene (Surr)	102		80 - 125
Dibromofluoromethane (Surr)	117		77 - 120

Lab Sample ID: LCSD 580-296017/6

Matrix: Water

Analysis Batch: 296017

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	9.55	*	ug/L		96	75 - 128	19	14
Toluene	10.0	9.74		ug/L		97	75 - 120	11	13
Ethylbenzene	10.0	9.65		ug/L		97	75 - 120	10	14

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-296017/6

Matrix: Water

Analysis Batch: 296017

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
m-Xylene & p-Xylene	10.0	9.91		ug/L		99	75 - 120	7	14
o-Xylene	10.0	10.0		ug/L		100	74 - 120	14	16
Xylenes, Total	20.0	19.9		ug/L		100	74 - 120	10	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	96		80 - 122
1,2-Dichloroethane-d4 (Surr)	121		80 - 126
4-Bromofluorobenzene (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	106		77 - 120

Lab Sample ID: MB 580-296130/4

Matrix: Water

Analysis Batch: 296130

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			03/12/19 18:33	1
Toluene	ND		2.0		ug/L			03/12/19 18:33	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 18:33	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 18:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/12/19 18:33	1
Toluene-d8 (Surr)	100		80 - 122		03/12/19 18:33	1
1,2-Dichloroethane-d4 (Surr)	131	X	80 - 126		03/12/19 18:33	1
4-Bromofluorobenzene (Surr)	98		80 - 125		03/12/19 18:33	1
Dibromofluoromethane (Surr)	120		77 - 120		03/12/19 18:33	1

Lab Sample ID: LCS 580-296130/5

Matrix: Water

Analysis Batch: 296130

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	10.5		ug/L		105	75 - 128
Toluene	10.0	10.5		ug/L		105	75 - 120
Ethylbenzene	10.0	10.2		ug/L		102	75 - 120
m-Xylene & p-Xylene	10.0	10.6		ug/L		106	75 - 120
o-Xylene	10.0	10.4		ug/L		104	74 - 120
Xylenes, Total	20.0	21.0		ug/L		105	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	105		80 - 120
Toluene-d8 (Surr)	97		80 - 122
1,2-Dichloroethane-d4 (Surr)	121		80 - 126
4-Bromofluorobenzene (Surr)	101		80 - 125
Dibromofluoromethane (Surr)	107		77 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-296130/6

Matrix: Water

Analysis Batch: 296130

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	9.79		ug/L		98	75 - 128	7	14
Toluene	10.0	10.2		ug/L		102	75 - 120	3	13
Ethylbenzene	10.0	9.68		ug/L		97	75 - 120	5	14
m-Xylene & p-Xylene	10.0	9.86		ug/L		99	75 - 120	7	14
o-Xylene	10.0	9.86		ug/L		99	74 - 120	5	16
Xylenes, Total	20.0	19.7		ug/L		99	74 - 120	6	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	94		80 - 122
1,2-Dichloroethane-d4 (Surr)	123		80 - 126
4-Bromofluorobenzene (Surr)	97		80 - 125
Dibromofluoromethane (Surr)	105		77 - 120

Lab Sample ID: 580-84419-18 MS

Matrix: Water

Analysis Batch: 296130

Client Sample ID: MW-59_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND	F2 F1	10.0	6.41	F1	ug/L		54	75 - 128
Toluene	ND	F2 F1	10.0	5.52	F1	ug/L		55	75 - 120
Ethylbenzene	ND	F2 F1	10.0	5.41	F1	ug/L		54	75 - 120
m-Xylene & p-Xylene	ND	F2 F1	10.0	5.19	F1	ug/L		52	75 - 120
o-Xylene	ND	F2 F1	10.0	5.44	F1	ug/L		54	74 - 120
Xylenes, Total	ND	F2 F1	20.0	10.6	F1	ug/L		53	74 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	103		80 - 126
4-Bromofluorobenzene (Surr)	107		80 - 125
Dibromofluoromethane (Surr)	97		77 - 120

Lab Sample ID: 580-84419-18 MSD

Matrix: Water

Analysis Batch: 296130

Client Sample ID: MW-59_20190307

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	F2 F1	10.0	11.3	F2	ug/L		103	75 - 128	55	35
Toluene	ND	F2 F1	10.0	10.6	F2	ug/L		106	75 - 120	63	35
Ethylbenzene	ND	F2 F1	10.0	10.7	F2	ug/L		107	75 - 120	66	35
m-Xylene & p-Xylene	ND	F2 F1	10.0	10.6	F2	ug/L		106	75 - 120	68	35
o-Xylene	ND	F2 F1	10.0	10.8	F2	ug/L		108	74 - 120	66	35
Xylenes, Total	ND	F2 F1	20.0	21.4	F2	ug/L		107	74 - 120	67	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: 580-84419-18 MSD

Matrix: Water

Analysis Batch: 296130

Client Sample ID: MW-59_20190307

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	102		80 - 122
1,2-Dichloroethane-d4 (Surr)	100		80 - 126
4-Bromofluorobenzene (Surr)	108		80 - 125
Dibromofluoromethane (Surr)	96		77 - 120

Lab Sample ID: MB 580-296132/4

Matrix: Water

Analysis Batch: 296132

Client Sample ID: Method Blank

Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		3.0		ug/L			03/12/19 19:36	1
Toluene	ND		2.0		ug/L			03/12/19 19:36	1
Ethylbenzene	ND		3.0		ug/L			03/12/19 19:36	1
Xylenes, Total	ND		3.0		ug/L			03/12/19 19:36	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Trifluorotoluene (Surr)	97		80 - 120		03/12/19 19:36	1			
Toluene-d8 (Surr)	104		80 - 122		03/12/19 19:36	1			
1,2-Dichloroethane-d4 (Surr)	113		80 - 126		03/12/19 19:36	1			
4-Bromofluorobenzene (Surr)	100		80 - 125		03/12/19 19:36	1			
Dibromofluoromethane (Surr)	100		77 - 120		03/12/19 19:36	1			

Lab Sample ID: LCS 580-296132/5

Matrix: Water

Analysis Batch: 296132

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	10.0	10.4		ug/L		104	75 - 128		
Toluene	10.0	10.3		ug/L		103	75 - 120		
Ethylbenzene	10.0	9.77		ug/L		98	75 - 120		
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	75 - 120		
o-Xylene	10.0	10.5		ug/L		105	74 - 120		
Xylenes, Total	20.0	20.9		ug/L		105	74 - 120		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	97		80 - 122
1,2-Dichloroethane-d4 (Surr)	107		80 - 126
4-Bromofluorobenzene (Surr)	99		80 - 125
Dibromofluoromethane (Surr)	103		77 - 120

Lab Sample ID: LCSD 580-296132/6

Matrix: Water

Analysis Batch: 296132

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	Spike	LCSD	LCSD					%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	10.0	10.4		ug/L		104	75 - 128	1	14	

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-296132/6

Matrix: Water

Analysis Batch: 296132

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
Toluene	10.0	10.7		ug/L		107	75 - 120	4	13
Ethylbenzene	10.0	10.2		ug/L		102	75 - 120	4	14
m-Xylene & p-Xylene	10.0	11.1		ug/L		111	75 - 120	7	14
o-Xylene	10.0	10.7		ug/L		107	74 - 120	2	16
Xylenes, Total	20.0	21.8		ug/L		109	74 - 120	4	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	98		80 - 122
1,2-Dichloroethane-d4 (Surr)	108		80 - 126
4-Bromofluorobenzene (Surr)	102		80 - 125
Dibromofluoromethane (Surr)	101		77 - 120

Lab Sample ID: 580-84419-2 MS

Matrix: Water

Analysis Batch: 296132

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	51	F2	10.0	51.5	4	ug/L		2	75 - 128
Toluene	ND	F1 F2	10.0	7.67	F1	ug/L		65	75 - 120
Ethylbenzene	9.0	F1 F2	10.0	12.7	F1	ug/L		38	75 - 120
m-Xylene & p-Xylene	ND	F1 F2	10.0	8.66	F1	ug/L		59	75 - 120
o-Xylene	ND	F1 F2	10.0	6.58	F1	ug/L		66	74 - 120
Xylenes, Total	ND	F1 F2	20.0	15.2		ug/L		76	74 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	102		80 - 120
Toluene-d8 (Surr)	107		80 - 122
1,2-Dichloroethane-d4 (Surr)	113		80 - 126
4-Bromofluorobenzene (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: 580-84419-2 MSD

Matrix: Water

Analysis Batch: 296132

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	51	F2	10.0	18.1	4 F2	ug/L		-333	75 - 128	96	35
Toluene	ND	F1 F2	10.0	4.91	F1 F2	ug/L		38	75 - 120	44	35
Ethylbenzene	9.0	F1 F2	10.0	5.50	F1 F2	ug/L		-35	75 - 120	79	35
m-Xylene & p-Xylene	ND	F1 F2	10.0	4.87	F1 F2	ug/L		21	75 - 120	56	35
o-Xylene	ND	F1 F2	10.0	4.35	F1 F2	ug/L		43	74 - 120	41	35
Xylenes, Total	ND	F1 F2	20.0	9.22	F1 F2	ug/L		46	74 - 120	49	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	100		80 - 122

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: 580-84419-2 MSD

Matrix: Water

Analysis Batch: 296132

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		80 - 126
4-Bromofluorobenzene (Surr)	102		80 - 125
Dibromofluoromethane (Surr)	102		77 - 120

Lab Sample ID: 580-84419-3 MS

Matrix: Water

Analysis Batch: 296132

Client Sample ID: MW-14_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND	F1 F2	10.0	6.34	F1	ug/L		63	75 - 128
Toluene	ND	F1	10.0	6.43	F1	ug/L		64	75 - 120
Ethylbenzene	ND	F1	10.0	5.78	F1	ug/L		58	75 - 120
m-Xylene & p-Xylene	ND	F1 F2	10.0	6.03	F1	ug/L		60	75 - 120
o-Xylene	ND	F1 F2	10.0	5.64	F1	ug/L		56	74 - 120
Xylenes, Total	ND	F1 F2	20.0	11.7	F1	ug/L		58	74 - 120

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	93		80 - 122
1,2-Dichloroethane-d4 (Surr)	112		80 - 126
4-Bromofluorobenzene (Surr)	95		80 - 125
Dibromofluoromethane (Surr)	101		77 - 120

Lab Sample ID: 580-84419-3 MSD

Matrix: Water

Analysis Batch: 296132

Client Sample ID: MW-14_20190307

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	F1 F2	10.0	9.19	F2	ug/L		92	75 - 128	37	35
Toluene	ND	F1	10.0	8.93		ug/L		89	75 - 120	33	35
Ethylbenzene	ND	F1	10.0	8.24		ug/L		82	75 - 120	35	35
m-Xylene & p-Xylene	ND	F1 F2	10.0	8.64	F2	ug/L		86	75 - 120	36	35
o-Xylene	ND	F1 F2	10.0	8.78	F2	ug/L		88	74 - 120	44	35
Xylenes, Total	ND	F1 F2	20.0	17.4	F2	ug/L		87	74 - 120	40	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	102		80 - 120
Toluene-d8 (Surr)	99		80 - 122
1,2-Dichloroethane-d4 (Surr)	112		80 - 126
4-Bromofluorobenzene (Surr)	97		80 - 125
Dibromofluoromethane (Surr)	101		77 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: MB 580-296192/4

Matrix: Water

Analysis Batch: 296192

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			03/13/19 12:11	1
Toluene	ND		2.0		ug/L			03/13/19 12:11	1
Ethylbenzene	ND		3.0		ug/L			03/13/19 12:11	1
Xylenes, Total	ND		3.0		ug/L			03/13/19 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120		03/13/19 12:11	1
Toluene-d8 (Surr)	104		80 - 122		03/13/19 12:11	1
1,2-Dichloroethane-d4 (Surr)	111		80 - 126		03/13/19 12:11	1
4-Bromofluorobenzene (Surr)	103		80 - 125		03/13/19 12:11	1
Dibromofluoromethane (Surr)	95		77 - 120		03/13/19 12:11	1

Lab Sample ID: LCS 580-296192/5

Matrix: Water

Analysis Batch: 296192

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	11.3		ug/L		113	75 - 128
Toluene	10.0	11.0		ug/L		110	75 - 120
Ethylbenzene	10.0	10.4		ug/L		104	75 - 120
m-Xylene & p-Xylene	10.0	11.1		ug/L		111	75 - 120
o-Xylene	10.0	10.8		ug/L		108	74 - 120
Xylenes, Total	20.0	21.9		ug/L		110	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	98		80 - 122
1,2-Dichloroethane-d4 (Surr)	110		80 - 126
4-Bromofluorobenzene (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	103		77 - 120

Lab Sample ID: LCSD 580-296192/6

Matrix: Water

Analysis Batch: 296192

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	10.5		ug/L		105	75 - 128	7	14
Toluene	10.0	11.1		ug/L		111	75 - 120	1	13
Ethylbenzene	10.0	10.6		ug/L		106	75 - 120	2	14
m-Xylene & p-Xylene	10.0	11.9		ug/L		119	75 - 120	6	14
o-Xylene	10.0	11.1		ug/L		111	74 - 120	3	16
Xylenes, Total	20.0	23.0		ug/L		115	74 - 120	5	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	97		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	110		80 - 126

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-296192/6

Matrix: Water

Analysis Batch: 296192

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		80 - 125
Dibromofluoromethane (Surr)	103		77 - 120

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

Lab Sample ID: MB 580-296528/4

Matrix: Water

Analysis Batch: 296528

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	Result	Qualifier	250		ug/L			03/18/19 12:34	1
	ND								
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	50 - 150					03/18/19 12:34	1
	73								
Trifluorotoluene (Surr)	118		50 - 150					03/18/19 12:34	1

Lab Sample ID: LCS 580-296528/5

Matrix: Water

Analysis Batch: 296528

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Gasoline	Added	Result	Qualifier	ug/L		86	Limits
	1000	863					79 - 120
Surrogate	LCS	LCS	Limits				
4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	50 - 150				
	75						
Trifluorotoluene (Surr)	86		50 - 150				

Lab Sample ID: LCSD 580-296528/6

Matrix: Water

Analysis Batch: 296528

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
Gasoline	Added	Result	Qualifier	ug/L		85	Limits	Limit
	1000	854					79 - 120	1 10
Surrogate	LCSD	LCSD	Limits					
4-Bromofluorobenzene (Surr)	%Recovery	Qualifier	50 - 150					
	76							
Trifluorotoluene (Surr)	83		50 - 150					

Lab Sample ID: MB 580-296662/4

Matrix: Water

Analysis Batch: 296662

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	Result	Qualifier	250		ug/L			03/19/19 13:10	1
	ND								

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: MB 580-296662/4

Matrix: Water

Analysis Batch: 296662

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64		50 - 150		03/19/19 13:10	1
Trifluorotoluene (Surr)	108		50 - 150		03/19/19 13:10	1

Lab Sample ID: LCS 580-296662/5

Matrix: Water

Analysis Batch: 296662

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	908		ug/L		91	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	78		50 - 150				
Trifluorotoluene (Surr)	89		50 - 150				

Lab Sample ID: LCSD 580-296662/6

Matrix: Water

Analysis Batch: 296662

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	895		ug/L		89	79 - 120	1	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	73		50 - 150						
Trifluorotoluene (Surr)	89		50 - 150						

Lab Sample ID: 580-84419-2 MS

Matrix: Water

Analysis Batch: 296662

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	740	F1 F2	1000	1040	F1	ug/L		29	79 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		50 - 150						
Trifluorotoluene (Surr)	108		50 - 150						

Lab Sample ID: 580-84419-2 MSD

Matrix: Water

Analysis Batch: 296662

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	740	F1 F2	1000	1180	F1 F2	ug/L		43	79 - 120	13	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		50 - 150								
Trifluorotoluene (Surr)	117		50 - 150								

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: 580-84419-3 MS

Matrix: Water

Analysis Batch: 296662

Client Sample ID: MW-14_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	510	F1	1000	954	F1	ug/L		44	79 - 120
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	76		50 - 150						
Trifluorotoluene (Surr)	115		50 - 150						

Lab Sample ID: 580-84419-3 MSD

Matrix: Water

Analysis Batch: 296662

Client Sample ID: MW-14_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	510	F1	1000	892	F1	ug/L		38	79 - 120	7	10
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	70		50 - 150								
Trifluorotoluene (Surr)	99		50 - 150								

Lab Sample ID: MB 580-296666/4

Matrix: Water

Analysis Batch: 296666

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			03/20/19 04:04	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		50 - 150					03/20/19 04:04	1
Trifluorotoluene (Surr)	103		50 - 150					03/20/19 04:04	1

Lab Sample ID: LCS 580-296666/5

Matrix: Water

Analysis Batch: 296666

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	824		ug/L		82	79 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	70		50 - 150				
Trifluorotoluene (Surr)	83		50 - 150				

Lab Sample ID: LCSD 580-296666/6

Matrix: Water

Analysis Batch: 296666

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	873		ug/L		87	79 - 120	6	10

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-296666/6

Matrix: Water

Analysis Batch: 296666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	73		50 - 150
Trifluorotoluene (Surr)	85		50 - 150

Lab Sample ID: 580-84419-18 MS

Matrix: Water

Analysis Batch: 296666

Client Sample ID: MW-59_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	2400		1000	3380		ug/L		95	79 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		50 - 150						
Trifluorotoluene (Surr)	104		50 - 150						

Lab Sample ID: 580-84419-18 MSD

Matrix: Water

Analysis Batch: 296666

Client Sample ID: MW-59_20190307

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	2400		1000	3510		ug/L		108	79 - 120	4	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	118		50 - 150								
Trifluorotoluene (Surr)	104		50 - 150								

Lab Sample ID: MB 580-296860/4

Matrix: Water

Analysis Batch: 296860

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			03/21/19 12:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		50 - 150					03/21/19 12:57	1
Trifluorotoluene (Surr)	101		50 - 150					03/21/19 12:57	1

Lab Sample ID: LCS 580-296860/5

Matrix: Water

Analysis Batch: 296860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	882		ug/L		88	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	79		50 - 150				
Trifluorotoluene (Surr)	85		50 - 150				

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: LCSD 580-296860/6

Matrix: Water

Analysis Batch: 296860

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	946		ug/L		95	79 - 120	7	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	78		50 - 150						
Trifluorotoluene (Surr)	85		50 - 150						

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

Lab Sample ID: MB 580-296101/1-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 296101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/12/19 13:35	03/13/19 13:08	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/12/19 13:35	03/13/19 13:08	1
Surrogate	%Recovery	MB Qualifier	Limits						
o-Terphenyl	105		50 - 150						

Lab Sample ID: LCS 580-296101/2-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2000	1660		ug/L		83	50 - 120		
Motor Oil (>C24-C36)	2000	1680		ug/L		84	64 - 120		
Surrogate	%Recovery	LCS Qualifier	Limits						
o-Terphenyl	85		50 - 150						

Lab Sample ID: LCSD 580-296101/3-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2000	1610		ug/L		80	50 - 120	3	26
Motor Oil (>C24-C36)	2000	1680		ug/L		84	64 - 120	0	24
Surrogate	%Recovery	LCSD Qualifier	Limits						
o-Terphenyl	81		50 - 150						

Lab Sample ID: 580-84419-2 MS

Matrix: Water

Analysis Batch: 296185

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2000		2050	3530		ug/L		74	50 - 120		

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: 580-84419-2 MS

Matrix: Water

Analysis Batch: 296185

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Motor Oil (>C24-C36)	1400		2050	2980		ug/L		75	64 - 120
Surrogate	%Recovery	MS Qualifier	Limits						
<i>o-Terphenyl</i>	76		50 - 150						

Lab Sample ID: 580-84419-2 MSD

Matrix: Water

Analysis Batch: 296185

Client Sample ID: MW-2_20190307

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000		2020	3270		ug/L		62	50 - 120	8	26
Motor Oil (>C24-C36)	1400		2020	2910		ug/L		73	64 - 120	2	24
Surrogate	%Recovery	MSD Qualifier	Limits								
<i>o-Terphenyl</i>	74		50 - 150								

Lab Sample ID: 580-84419-3 MS

Matrix: Water

Analysis Batch: 296271

Client Sample ID: MW-14_20190307

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	710		2000	2110		ug/L		70	50 - 120
Motor Oil (>C24-C36)	ND		2000	2040		ug/L		91	64 - 120
Surrogate	%Recovery	MS Qualifier	Limits						
<i>o-Terphenyl</i>	82		50 - 150						

Lab Sample ID: 580-84419-3 MSD

Matrix: Water

Analysis Batch: 296271

Client Sample ID: MW-14_20190307

Prep Type: Total/NA

Prep Batch: 296101

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	710		2000	2080		ug/L		68	50 - 120	2	26
Motor Oil (>C24-C36)	ND		2000	1980		ug/L		88	64 - 120	3	24
Surrogate	%Recovery	MSD Qualifier	Limits								
<i>o-Terphenyl</i>	78		50 - 150								

Lab Sample ID: MB 580-296139/1-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 296139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/13/19 05:50	03/13/19 14:09	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/13/19 05:50	03/13/19 14:09	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-84419-1

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

Lab Sample ID: MB 580-296139/1-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 296139

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	104		50 - 150	03/13/19 05:50	03/13/19 14:09	1

Lab Sample ID: LCS 580-296139/2-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 296139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2000	1690		ug/L		84	50 - 120
Motor Oil (>C24-C36)	2000	1710		ug/L		86	64 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	81		50 - 150				

Lab Sample ID: LCSD 580-296139/3-A

Matrix: Water

Analysis Batch: 296185

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 296139

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1550		ug/L		78	50 - 120	8	26
Motor Oil (>C24-C36)	2000	1760		ug/L		88	64 - 120	3	24
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	85		50 - 150						

Lab Sample ID: 580-84419-18 MS

Matrix: Water

Analysis Batch: 296271

Client Sample ID: MW-59_20190307

Prep Type: Total/NA

Prep Batch: 296139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	16000		2010	17300	4	ug/L		67	50 - 120
Motor Oil (>C24-C36)	3900		2010	5350		ug/L		75	64 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	97		50 - 150						

Lab Sample ID: 580-84419-18 MSD

Matrix: Water

Analysis Batch: 296271

Client Sample ID: MW-59_20190307

Prep Type: Total/NA

Prep Batch: 296139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	16000		1980	16500	4	ug/L		28	50 - 120	5	26
Motor Oil (>C24-C36)	3900		1980	5280		ug/L		72	64 - 120	1	24
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	79		50 - 150								

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: C_20190307

Date Collected: 03/07/19 15:05

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 13:03	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/19/19 19:02	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/13/19 15:09	JCM	TAL SEA

Client Sample ID: MW-2_20190307

Date Collected: 03/07/19 14:30

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296132	03/12/19 20:50	KFS	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/20/19 00:54	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/13/19 15:29	JCM	TAL SEA

Client Sample ID: MW-14_20190307

Date Collected: 03/07/19 14:35

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296132	03/12/19 22:05	KFS	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/19/19 21:18	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 11:47	TL1	TAL SEA

Client Sample ID: MW-19_20190307

Date Collected: 03/07/19 15:45

Date Received: 03/08/19 12:30

Lab Sample ID: 580-84419-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 15:57	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	5	296132	03/12/19 23:43	KFS	TAL SEA
Total/NA	Analysis	8260C	DL2	20	296192	03/13/19 15:07	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx	RA	1	296860	03/21/19 19:44	CJ	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 12:48	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-20_20190307

Lab Sample ID: 580-84419-5

Date Collected: 03/07/19 15:40

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 16:22	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/19/19 19:29	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 13:08	TL1	TAL SEA

Client Sample ID: MW-21_20190307

Lab Sample ID: 580-84419-6

Date Collected: 03/07/19 15:10

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 16:46	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	10	296132	03/13/19 00:07	KFS	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/19/19 19:56	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 13:28	TL1	TAL SEA

Client Sample ID: MW-35_20190307

Lab Sample ID: 580-84419-7

Date Collected: 03/07/19 16:05

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	296132	03/13/19 01:22	KFS	TAL SEA
Total/NA	Analysis	8260C	DL	100	296192	03/13/19 15:32	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx	RADL	10	296860	03/21/19 20:38	CJ	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 13:48	TL1	TAL SEA

Client Sample ID: MW-39_20190307

Lab Sample ID: 580-84419-8

Date Collected: 03/07/19 16:00

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 17:36	T1W	TAL SEA
Total/NA	Analysis	8260C	RA	1	296132	03/13/19 01:46	KFS	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/19/19 23:06	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 14:08	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-41_20190307

Lab Sample ID: 580-84419-9

Date Collected: 03/07/19 11:50

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 18:00	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296662	03/19/19 23:33	T1W	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 14:29	TL1	TAL SEA

Client Sample ID: MW-43_20190307

Lab Sample ID: 580-84419-10

Date Collected: 03/07/19 12:10

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5	296130	03/12/19 20:11	T1W	TAL SEA
Total/NA	Analysis	8260C		1	295965	03/11/19 18:25	T1W	TAL SEA
Total/NA	Analysis	8260C	DL2	10	296192	03/13/19 15:56	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx	RADL	10	296860	03/21/19 21:05	CJ	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 15:29	TL1	TAL SEA

Client Sample ID: MW-44_20190307

Lab Sample ID: 580-84419-11

Date Collected: 03/07/19 12:05

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 18:50	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	5	296132	03/13/19 02:11	KFS	TAL SEA
Total/NA	Analysis	8260C	RA	1	296132	03/13/19 02:35	KFS	TAL SEA
Total/NA	Analysis	NWTPH-Gx	RA	1	296860	03/21/19 20:11	CJ	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 14:49	TL1	TAL SEA

Client Sample ID: MW-45_20190307

Lab Sample ID: 580-84419-12

Date Collected: 03/07/19 16:20

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5	296130	03/12/19 21:00	T1W	TAL SEA
Total/NA	Analysis	8260C		1	295965	03/11/19 19:14	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 05:53	Z1R	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 15:49	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-54_20190307

Lab Sample ID: 580-84419-13

Date Collected: 03/07/19 16:35

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 19:39	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 06:20	Z1R	TAL SEA

Client Sample ID: MW-55_20190307

Lab Sample ID: 580-84419-14

Date Collected: 03/07/19 11:15

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 20:04	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 06:47	Z1R	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 16:09	TL1	TAL SEA

Client Sample ID: MW-56_20190307

Lab Sample ID: 580-84419-15

Date Collected: 03/07/19 10:55

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	296130	03/12/19 21:24	T1W	TAL SEA
Total/NA	Analysis	8260C		1	295965	03/11/19 20:29	T1W	TAL SEA
Total/NA	Analysis	8260C	DL2	20	296192	03/13/19 16:21	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 07:13	Z1R	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 16:29	TL1	TAL SEA

Client Sample ID: MW-57_20190307

Lab Sample ID: 580-84419-16

Date Collected: 03/07/19 10:35

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 20:53	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 07:40	Z1R	TAL SEA
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 16:49	TL1	TAL SEA

Client Sample ID: MW-58_20190307

Lab Sample ID: 580-84419-17

Date Collected: 03/07/19 10:15

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	295965	03/11/19 21:18	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 08:08	Z1R	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			296101	03/12/19 13:35	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 17:09	TL1	TAL SEA

Client Sample ID: MW-59_20190307

Lab Sample ID: 580-84419-18

Date Collected: 03/07/19 09:35

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296130	03/12/19 22:13	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 09:29	Z1R	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296271	03/14/19 17:50	TL1	TAL SEA

Client Sample ID: MW-60_20190307

Lab Sample ID: 580-84419-19

Date Collected: 03/07/19 09:30

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 20:42	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296666	03/20/19 09:02	Z1R	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 00:12	JCM	TAL SEA

Client Sample ID: MW-61_20190307

Lab Sample ID: 580-84419-20

Date Collected: 03/07/19 10:10

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 21:06	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 14:18	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 00:32	JCM	TAL SEA

Client Sample ID: MW-62_20190307

Lab Sample ID: 580-84419-21

Date Collected: 03/07/19 10:30

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 21:31	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 14:45	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 00:52	JCM	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-63_20190307

Lab Sample ID: 580-84419-22

Date Collected: 03/07/19 11:20

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 21:55	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 15:13	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 01:12	JCM	TAL SEA

Client Sample ID: MW-64_20190307

Lab Sample ID: 580-84419-23

Date Collected: 03/07/19 12:40

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 22:20	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 15:40	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 01:32	JCM	TAL SEA

Client Sample ID: MW-66_20190307

Lab Sample ID: 580-84419-24

Date Collected: 03/07/19 15:25

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 22:44	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	5	296130	03/12/19 23:27	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 16:06	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 01:52	JCM	TAL SEA

Client Sample ID: MW-67_20190307

Lab Sample ID: 580-84419-25

Date Collected: 03/07/19 11:30

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 23:09	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 16:34	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 02:13	JCM	TAL SEA

Client Sample ID: MW-68_20190307

Lab Sample ID: 580-84419-26

Date Collected: 03/07/19 11:00

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 23:33	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: MW-68_20190307

Lab Sample ID: 580-84419-26

Date Collected: 03/07/19 11:00

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 17:01	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 02:33	JCM	TAL SEA

Client Sample ID: MW-69_20190307

Lab Sample ID: 580-84419-27

Date Collected: 03/07/19 10:40

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/11/19 23:58	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 17:55	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 02:53	JCM	TAL SEA

Client Sample ID: MW-70_20190307

Lab Sample ID: 580-84419-28

Date Collected: 03/07/19 09:50

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 00:22	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 18:22	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 03:13	JCM	TAL SEA

Client Sample ID: MW-71_20190307

Lab Sample ID: 580-84419-29

Date Collected: 03/07/19 12:35

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 00:47	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296860	03/21/19 18:49	CJ	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 03:53	JCM	TAL SEA

Client Sample ID: AG-WELL_20190307

Lab Sample ID: 580-84419-30

Date Collected: 03/07/19 11:35

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 01:11	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 20:41	T1W	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Client Sample ID: AG-WELL_20190307

Lab Sample ID: 580-84419-30

Date Collected: 03/07/19 11:35

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 04:13	JCM	TAL SEA

Client Sample ID: Trip Blank-1_20190307

Lab Sample ID: 580-84419-31

Date Collected: 03/07/19 00:01

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 01:36	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 13:55	T1W	TAL SEA

Client Sample ID: Trip Blank-2_20190307

Lab Sample ID: 580-84419-32

Date Collected: 03/07/19 00:01

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 02:00	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 14:22	T1W	TAL SEA

Client Sample ID: Trip Blank-3_20190307

Lab Sample ID: 580-84419-33

Date Collected: 03/07/19 00:01

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 02:24	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 14:49	T1W	TAL SEA

Client Sample ID: Dup-1_20190307

Lab Sample ID: 580-84419-34

Date Collected: 03/07/19 06:00

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 02:49	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 21:08	T1W	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 04:33	JCM	TAL SEA

Client Sample ID: Dup-2_20190307

Lab Sample ID: 580-84419-35

Date Collected: 03/07/19 07:00

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 03:13	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-84419-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	5	296130	03/12/19 23:51	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 21:35	T1W	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 04:53	JCM	TAL SEA

Client Sample ID: Dup-3_20190307

Lab Sample ID: 580-84419-36

Date Collected: 03/07/19 08:00

Matrix: Water

Date Received: 03/08/19 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	296017	03/12/19 03:38	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	10	296130	03/13/19 00:16	T1W	TAL SEA
Total/NA	Analysis	8260C	DL	5	296130	03/13/19 00:40	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	296528	03/18/19 22:30	T1W	TAL SEA
Total/NA	Prep	3510C			296139	03/13/19 05:50	KO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	296185	03/14/19 05:13	JCM	TAL SEA

Laboratory References:

TAL SEA = 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

TestAmerica Job ID: 580-84419-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	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

Sample Summary

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

TestAmerica Job ID: 580-84419-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-84419-1	C_20190307	Water	03/07/19 15:05	03/08/19 12:30
580-84419-2	MW-2_20190307	Water	03/07/19 14:30	03/08/19 12:30
580-84419-3	MW-14_20190307	Water	03/07/19 14:35	03/08/19 12:30
580-84419-4	MW-19_20190307	Water	03/07/19 15:45	03/08/19 12:30
580-84419-5	MW-20_20190307	Water	03/07/19 15:40	03/08/19 12:30
580-84419-6	MW-21_20190307	Water	03/07/19 15:10	03/08/19 12:30
580-84419-7	MW-35_20190307	Water	03/07/19 16:05	03/08/19 12:30
580-84419-8	MW-39_20190307	Water	03/07/19 16:00	03/08/19 12:30
580-84419-9	MW-41_20190307	Water	03/07/19 11:50	03/08/19 12:30
580-84419-10	MW-43_20190307	Water	03/07/19 12:10	03/08/19 12:30
580-84419-11	MW-44_20190307	Water	03/07/19 12:05	03/08/19 12:30
580-84419-12	MW-45_20190307	Water	03/07/19 16:20	03/08/19 12:30
580-84419-13	MW-54_20190307	Water	03/07/19 16:35	03/08/19 12:30
580-84419-14	MW-55_20190307	Water	03/07/19 11:15	03/08/19 12:30
580-84419-15	MW-56_20190307	Water	03/07/19 10:55	03/08/19 12:30
580-84419-16	MW-57_20190307	Water	03/07/19 10:35	03/08/19 12:30
580-84419-17	MW-58_20190307	Water	03/07/19 10:15	03/08/19 12:30
580-84419-18	MW-59_20190307	Water	03/07/19 09:35	03/08/19 12:30
580-84419-19	MW-60_20190307	Water	03/07/19 09:30	03/08/19 12:30
580-84419-20	MW-61_20190307	Water	03/07/19 10:10	03/08/19 12:30
580-84419-21	MW-62_20190307	Water	03/07/19 10:30	03/08/19 12:30
580-84419-22	MW-63_20190307	Water	03/07/19 11:20	03/08/19 12:30
580-84419-23	MW-64_20190307	Water	03/07/19 12:40	03/08/19 12:30
580-84419-24	MW-66_20190307	Water	03/07/19 15:25	03/08/19 12:30
580-84419-25	MW-67_20190307	Water	03/07/19 11:30	03/08/19 12:30
580-84419-26	MW-68_20190307	Water	03/07/19 11:00	03/08/19 12:30
580-84419-27	MW-69_20190307	Water	03/07/19 10:40	03/08/19 12:30
580-84419-28	MW-70_20190307	Water	03/07/19 09:50	03/08/19 12:30
580-84419-29	MW-71_20190307	Water	03/07/19 12:35	03/08/19 12:30
580-84419-30	AG-WELL_20190307	Water	03/07/19 11:35	03/08/19 12:30
580-84419-31	Trip Blank-1_20190307	Water	03/07/19 00:01	03/08/19 12:30
580-84419-32	Trip Blank-2_20190307	Water	03/07/19 00:01	03/08/19 12:30
580-84419-33	Trip Blank-3_20190307	Water	03/07/19 00:01	03/08/19 12:30
580-84419-34	Dup-1_20190307	Water	03/07/19 06:00	03/08/19 12:30
580-84419-35	Dup-2_20190307	Water	03/07/19 07:00	03/08/19 12:30
580-84419-36	Dup-3_20190307	Water	03/07/19 08:00	03/08/19 12:30

TestAmerica Seattle



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: 87419

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: <u>pending 0013 HW-0012 / WR339532</u>				Phone: 425-498-7711 Email: <u>Megan.Richard@anteagroup.com</u>								
Lab Bottle Order No: NA				Accounting Mode: Provision <u>X</u> OOC-BU <u> </u> OOC-RM <u> </u>				Send/Submit EDD to: <u>Megan.Richard@anteagroup.com</u>								
Other Info: <u>elaine.walker@testamericainc.com</u>				Stage <u>1</u> Appraise (10) Activity Interim Measures (123)				Invoice To: BP-RM <u> </u> 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: <u>wade.melton@bp.com</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	Pres	Filt	Comments			
-7	MW-35_20190307	3.7.19	1605	W				G		X	X	X				
	MW-39_20190307	3.7.19	1600	W				G		X	X	X				
-9	MW-41_20190307	3.7.19	1150	W				G		X	X	X				
	MW-43_20190307	3.7.19	1210	W				G		X	X	X				
-11	MW-44_20190307	3.7.19	1205	W				G		X	X	X				
	MW-45_20190307	3.7.19	1630	W				G		X	X	X				
-13	MW-54_20190307	3.7.19	1635	W				G		X	X	X				
Sampler's Name: <u>BE/MB/FS</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time	
Sampler's Company: Antea Group				<u>Rehman/Enkison/Antea</u>				3.8.19	1230	<u>T/ASEA</u>				3/8/19	1236	
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: <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:

84413

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: pending 008HW-0013/WR329532				Phone: 425-498-7711 Email: Megan.Richard@anteagroup.com														
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) Activity Interim Measures (123)				Invoice To: BP-RM ___BP/ARC ___X___														
BP/RM PM: Wade Melton				Sample Details				Requested Analyses				Report Type & QC Level										
												Limited (Standard) Package ___Y___										
PM Phone: 360-594-7978												Limited Plus Package _____										
PM Email: wade.melton@bp.com												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	BTEX	Gx	DX									Comments
	MW-55_20190307	3.7.19	1115	W				G		X	X	X										
-15	MW-56_20190307	3.7.19	1055	W				G		X	X	X										
	MW-57_20190307	3.7.19	1035	W				G		X	X	X										
-77	MW-58_20190307	3.7.19	1015	W				G		X	X	X										
	MW-59_20190307	3.7.19	0935	W				G		X	X	X										
-19	MW-60_20190307	3.7.19	0930	W				G		X	X	X										
	MW-61_20190307	3.7.19	1010	W				G		X	X	X										
Sampler's Name: BE/MIB/FS				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time							
Sampler's Company: Antea Group				BE/Antea				3.8.A	1030	TASEH				3/8/14	1230							
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

BP Site Node Path: Olympic Pipeline Company
BP/RM Facility No: Allen Station

Req Due Date (mm/dd/yy): Standard TAT Rush TAT Yes No X
Lab Work Order Number: 84419

Page of

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: <u>pending 003HW-0013 / WR 329532</u>				Phone: 425-498-7711 Email: <u>Megan.Richard@anteagroup.com</u>															
Lab Bottle Order No: NA				Accounting Mode: Provision <u> </u> X <u> </u> OOC-BU <u> </u> OOC-RM <u> </u>				Send/Submit EDD to: <u>Megan.Richard@anteagroup.com</u>															
Other Info: <u>elaine.walker@testamericainc.com</u>				Stage <u>1</u> Appraise (10) Activity Interim Measures (123)				Invoice To: BP-RM <u> </u> 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: <u>wade.melton@bp.com</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	Fit	Pres	Comments										
	MW-70_20190307	3.7.19	0950	W				G			X	X	X										
-29	MW-71_20190307	3.7.19	1235	W				G			X	X	X										
	AG-Well_20190307	3.7.19	1135	W				G			X	X	X										
-31	Trip Blank-1	3.7.19	0000	W				G			X	X											
	Trip Blank-2	3.7.19	0000	W				G			X	X											
-33	Trip Blank-3	3.7.19	0000	W				G			X	X											
	Dup-1_20190307	3.7.19	0600	W				G			X	X	X										
Sampler's Name: <u>BG/MB/FS</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time								
Sampler's Company: Antea Group				<u>BG / Antea</u>				<u>3/8/19</u>	<u>1230</u>	<u>BG / JH SEH</u>				<u>3/8/19</u>	<u>1230</u>								
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: <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

BP Site Node Path: Olympic Pipeline Company
BP/RM Facility No: Allen Station

Req Due Date (mm/dd/yy): Standard TAT
Lab Work Order Number: 84419

Page of

Rush TAT Yes No X

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: <u>pending 008HW-0013/WR329532</u>				Phone: 425-498-7711 Email: <u>Megan.Richard@anteagroup.com</u>									
Lab Bottle Order No: NA				Accounting Mode: Provision <u> </u> X <u> </u> OOC-BU <u> </u> OOC-RM <u> </u>				Send/Submit EDD to: <u>Megan.Richard@anteagroup.com</u>									
Other Info: <u>elaine.walker@testamericainc.com</u>				Stage <u>1</u> Appraise (10) Activity Interim Measures (123)				Invoice To: BP-RM <u> </u> 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> </u> Y					
PM Email: <u>wade.melton@bp.com</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	Pres	Flt	Comments				
-35	Dup-2_20180307	3-7-19	0700	W				G			X	X	X				
	Dup-3_20180307	3-7-19	0800	W				G			X	X	X				
Sampler's Name: <u>BE/MB/FB</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time		
Sampler's Company: Antea Group				<u>BE/Antea</u>				3-8-19	1830	<u>ZBA/TA-SEA</u>				3-8-19	1230		
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: <u> </u> °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																	

BP LaMP Soil/H2O COC July 2018

Therm. ID: AZ Cor: 0.1 ° Unc: 0.1 °
Cooler Desc: 1g Bb/e FedEx: _____
Packing: Bb/b/e UPS: _____
Cust. Seal: Yes No Lab Cour: X
Blue Ice, Wet, Dry, None Other: _____

Therm. ID: AZ Cor: 2.9 ° Unc: 3.1 °
Cooler Desc: 1g Bb/e FedEx: _____
Packing: Bb/b/e UPS: _____
Cust. Seal: Yes No Lab Cour: X
Blue Ice, Wet, Dry, None Other: _____

Therm. ID: AZ Cor: 0.1 ° Unc: 0.1 °
Cooler Desc: 1g Bb/e FedEx: _____
Packing: Bb/b/e UPS: _____
Cust. Seal: Yes No Lab Cour: X
Blue Ice, Wet, Dry, None Other: _____

Therm. ID: AZ Cor: 0.1 ° Unc: 0.3 °
Cooler Desc: 1g Bb/e FedEx: _____
Packing: Bb/b/e UPS: _____
Cust. Seal: Yes No Lab Cour: X
Blue Ice, Wet, Dry, None Other: _____

Therm. ID: AZ Cor: 2.3 ° Unc: 2.5 °
Cooler Desc: 1g Bb/e FedEx: _____
Packing: Bb/b/e UPS: _____
Cust. Seal: Yes No Lab Cour: X
Blue Ice, Wet, Dry, None Other: _____

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 580-84419-1

Login Number: 84419

List Source: TestAmerica Seattle

List Number: 1

Creator: Blankinship, Tom X

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	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	

ANALYTICAL REPORT

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

Laboratory Job ID: 580-86515-1

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:
6/13/2019 11:06:52 AM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

LINKS

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results through
TotalAccess

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www.testamericainc.com

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.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	6
Client Sample Results	10
Surrogate Summary	34
QC Sample Results	38
QC Association Summary	52
Lab Chronicle	57
Certification Summary	65
Method Summary	66
Sample Summary	67
Chain of Custody	68
Receipt Checklists	81
Prep Data	82



Definitions/Glossary

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

Job ID: 580-86515-1

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
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.
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.
F2	MS/MSD RPD exceeds control limits
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: 580-86515-1

Job ID: 580-86515-1

Laboratory: Eurofins TestAmerica, Seattle

Narrative

Job Narrative 580-86515-1

Receipt

Thirty-four samples were received on 5/30/2019 1:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 2.7° C, 2.9° C, 3.0° C, 5.3° C, 6.1° C and 6.5° C.

Receipt Exceptions

One or more containers for the following samples were received broken or leaking: C_20190528 (580-86515-1) and MW-44_20190529 (580-86515-11[MSD]). Sample #580-86515-H-1 and Sample #580-86515-A-11MSD received broken.

GC/MS VOA

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 580-302241 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 580-302254 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) recoveries and precision were within acceptance limits.

Method(s) 8260C: The following samples were diluted due to the nature of the sample matrix: MW-19_20190528 (580-86515-4), MW-21_20190528 (580-86515-6), MW-35_20190528 (580-86515-7), MW-45_20190528 (580-86515-12), MW-56_20190529 (580-86515-14), MW-57_20190529 (580-86515-15), MW-66_20190528 (580-86515-23), MW-67_20190529 (580-86515-24) and Dup-1_20190528 (580-86515-33). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: MW-55_20190529 (580-86515-13), MW-64_20190528 (580-86515-22), MW-64_20190528 (580-86515-22[MS]), MW-64_20190528 (580-86515-22[MSD]), MW-66_20190528 (580-86515-23), MW-67_20190529 (580-86515-24), AG-WELL_20190529 (580-86515-29), Dup-1_20190528 (580-86515-33) and Dup-2_20190528 (580-86515-34) were reanalyzed due to poor surrogate recovery in the initial analysis.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-43_20190529 (580-86515-10), MW-44_20190529 (580-86515-11), MW-44_20190529 (580-86515-11[MS]), MW-44_20190529 (580-86515-11[MSD]) and MW-56_20190529 (580-86515-14). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries precision for analytical batch 580-302359 was outside control limits for Ethylbenzene. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) recoveries and precision were within acceptance limits.

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 4-Bromofluorobenzene (Surr) for the following samples were outside control limits: MW-19_20190528 (580-86515-4), MW-21_20190528 (580-86515-6), MW-43_20190529 (580-86515-10), MW-44_20190529 (580-86515-11), MW-44_20190529 (580-86515-11[MS]), MW-44_20190529 (580-86515-11[MSD]), MW-45_20190528 (580-86515-12), MW-56_20190529 (580-86515-14), MW-64_20190528 (580-86515-22), MW-64_20190528 (580-86515-22[MS]), MW-64_20190528 (580-86515-22[MSD]), MW-66_20190528 (580-86515-23), MW-67_20190529 (580-86515-24), and Dup-1_20190528 (580-86515-33). Evidence of matrix interference is present and surrogate Trifluorotoluene (Surr) met the recovery limits; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-35_20190528 (580-86515-7) and MW-56_20190529 (580-86515-14). Elevated reporting limits (RLs) are provided.

Method(s) NWTPH-Gx: The matrix spike duplicate (MSD) recovery for analytical batch 580-302216 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the MS and associated laboratory control sample (LCS) recoveries

Case Narrative

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

Job ID: 580-86515-1

Job ID: 580-86515-1 (Continued)

Laboratory: Eurofins TestAmerica, Seattle (Continued)

were within acceptance limits.

Method(s) NWTPH-Gx: Due to the high concentration of Gasoline the matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 580-302722 could not be evaluated. The MS/MSD and associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) recoveries and precision met acceptance criteria.

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: 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_20190528 (580-86515-4), MW-21_20190528 (580-86515-6), MW-35_20190528 (580-86515-7), MW-43_20190529 (580-86515-10) and MW-64_20190528 (580-86515-22).

Method(s) NWTPH-Dx: Surrogate recovery for the following samples were outside control limits: MW-41_20190528 (580-86515-9), MW-44_20190529 (580-86515-11[MS]), MW-44_20190529 (580-86515-11[MSD]), MW-45_20190528 (580-86515-12), AG-WELL_20190529 (580-86515-29) and Dup-2_20190528 (580-86515-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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-44_20190529 (580-86515-11), MW-55_20190529 (580-86515-13) and MW-56_20190529 (580-86515-14).

Method(s) NWTPH-Dx: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 580-302207 and analytical batch 580-302483 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method(s) NWTPH-Dx: The following sample 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: MW-21_20190528 (580-86515-6) and Dup-1_20190528 (580-86515-33).

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: 580-86515-1

Client Sample ID: C_20190528

Lab Sample ID: 580-86515-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	2200		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	610		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-2_20190528

Lab Sample ID: 580-86515-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	1600		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	1000		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-14_20190528

Lab Sample ID: 580-86515-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	1400		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-19_20190528

Lab Sample ID: 580-86515-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	12		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	57		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	470		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	1400		30		ug/L	10		8260C	Total/NA
Gasoline	9800		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3300		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-20_20190528

Lab Sample ID: 580-86515-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	260		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-21_20190528

Lab Sample ID: 580-86515-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	3.8		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	68		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	33		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	500		30		ug/L	10		8260C	Total/NA
Gasoline	7900		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	5700		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	990		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-35_20190528

Lab Sample ID: 580-86515-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11000		3000		ug/L	1000		8260C	Total/NA
Ethylbenzene	3100		3000		ug/L	1000		8260C	Total/NA
Xylenes, Total	15000		3000		ug/L	1000		8260C	Total/NA
Gasoline - DL	62000		2500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	6000		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-39_20190528

Lab Sample ID: 580-86515-8

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: 580-86515-1

Client Sample ID: MW-41_20190528

Lab Sample ID: 580-86515-9

No Detections.

Client Sample ID: MW-43_20190529

Lab Sample ID: 580-86515-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	9.8		3.0		ug/L	1		8260C	Total/NA
Toluene	13		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	490		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	340		30		ug/L	10		8260C	Total/NA
Gasoline	23000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	5600		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-44_20190529

Lab Sample ID: 580-86515-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	7.2	F1	3.0		ug/L	1		8260C	Total/NA
Xylenes, Total	52	F1	3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	510	F2	30		ug/L	10		8260C	Total/NA
Gasoline	5000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2300	F1	110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-45_20190528

Lab Sample ID: 580-86515-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.0		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	56		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	550		30		ug/L	10		8260C	Total/NA
Gasoline	6400		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2900		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-55_20190529

Lab Sample ID: 580-86515-13

No Detections.

Client Sample ID: MW-56_20190529

Lab Sample ID: 580-86515-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	120		3.0		ug/L	1		8260C	Total/NA
Toluene	80		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	790		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	1300		30		ug/L	10		8260C	Total/NA
Gasoline - DL	33000		2500		ug/L	10		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	5900		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-57_20190529

Lab Sample ID: 580-86515-15

No Detections.

Client Sample ID: MW-58_20190529

Lab Sample ID: 580-86515-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1300		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	5900		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	2000		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: 580-86515-1

Client Sample ID: MW-59_20190529

Lab Sample ID: 580-86515-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline	1700		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	18000		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	3400		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-60_20190529

Lab Sample ID: 580-86515-18

No Detections.

Client Sample ID: MW-61_20190529

Lab Sample ID: 580-86515-19

No Detections.

Client Sample ID: MW-62_20190529

Lab Sample ID: 580-86515-20

No Detections.

Client Sample ID: MW-63_20190529

Lab Sample ID: 580-86515-21

No Detections.

Client Sample ID: MW-64_20190528

Lab Sample ID: 580-86515-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1	F2	3.0		ug/L	1		8260C	Total/NA
Xylenes, Total	3.5	F1 F2	3.0		ug/L	1		8260C	Total/NA
Gasoline	920	F2	250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	3500		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	660		350		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-66_20190528

Lab Sample ID: 580-86515-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	7.6		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	8.5		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	340		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	300		30		ug/L	10		8260C	Total/NA
Gasoline	2000		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	1400		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-67_20190529

Lab Sample ID: 580-86515-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	13		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	95		3.0		ug/L	1		8260C	Total/NA
Benzene - DL	620		30		ug/L	10		8260C	Total/NA
Ethylbenzene - DL	1000		30		ug/L	10		8260C	Total/NA
Gasoline	5500		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	2000		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: MW-68_20190529

Lab Sample ID: 580-86515-25

No Detections.

Client Sample ID: MW-69_20190529

Lab Sample ID: 580-86515-26

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: 580-86515-1

Client Sample ID: MW-70_20190529

Lab Sample ID: 580-86515-27

No Detections.

Client Sample ID: MW-71_20190528

Lab Sample ID: 580-86515-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	540		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: AG-WELL_20190529

Lab Sample ID: 580-86515-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
#2 Diesel (C10-C24)	170		110		ug/L	1		NWTPH-Dx	Total/NA

Client Sample ID: Trip Blank-1_20190528

Lab Sample ID: 580-86515-30

No Detections.

Client Sample ID: Trip Blank-2_20190528

Lab Sample ID: 580-86515-31

No Detections.

Client Sample ID: Trip Blank-3_20190528

Lab Sample ID: 580-86515-32

No Detections.

Client Sample ID: Dup-1_20190528

Lab Sample ID: 580-86515-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	34		3.0		ug/L	1		8260C	Total/NA
Toluene	3.8		2.0		ug/L	1		8260C	Total/NA
Xylenes, Total	73		3.0		ug/L	1		8260C	Total/NA
Ethylbenzene - DL	520		30		ug/L	10		8260C	Total/NA
Gasoline	7200		250		ug/L	1		NWTPH-Gx	Total/NA
#2 Diesel (C10-C24)	7100		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_20190528

Lab Sample ID: 580-86515-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3.6		3.0		ug/L	1		8260C	Total/NA
#2 Diesel (C10-C24)	1600		110		ug/L	1		NWTPH-Dx	Total/NA
Motor Oil (>C24-C36)	350		350		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: 580-86515-1

Client Sample ID: C_20190528

Lab Sample ID: 580-86515-1

Date Collected: 05/28/19 12:30

Matrix: Water

Date Received: 05/30/19 16:29

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			05/31/19 15:01	1
Toluene	ND		2.0		ug/L			05/31/19 15:01	1
Ethylbenzene	ND		3.0		ug/L			05/31/19 15:01	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		05/31/19 15:01	1
Toluene-d8 (Surr)	101		80 - 120		05/31/19 15:01	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 126		05/31/19 15:01	1
4-Bromofluorobenzene (Surr)	100		80 - 120		05/31/19 15:01	1
Dibromofluoromethane (Surr)	90		80 - 120		05/31/19 15:01	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			06/03/19 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150		06/03/19 13:35	1
Trifluorotoluene (Surr)	93		50 - 150		06/03/19 13:35	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		06/03/19 09:28	06/04/19 15:16	1
Motor Oil (>C24-C36)	610		350		ug/L		06/03/19 09:28	06/04/19 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	66		50 - 150	06/03/19 09:28	06/04/19 15:16	1

Client Sample ID: MW-2_20190528

Lab Sample ID: 580-86515-2

Date Collected: 05/28/19 09:20

Matrix: Water

Date Received: 05/30/19 16:29

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			05/31/19 15:25	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		05/31/19 15:25	1
Toluene-d8 (Surr)	104		80 - 120		05/31/19 15:25	1
4-Bromofluorobenzene (Surr)	96		80 - 120		05/31/19 15:25	1
Dibromofluoromethane (Surr)	90		80 - 120		05/31/19 15:25	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			06/03/19 15:47	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/03/19 15:47	1
Toluene-d8 (Surr)	106		80 - 120		06/03/19 15:47	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/03/19 15:47	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-2_20190528

Lab Sample ID: 580-86515-2

Date Collected: 05/28/19 09:20

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		80 - 120		06/03/19 15:47	1
Dibromofluoromethane (Surr)	101		80 - 120		06/03/19 15:47	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			06/03/19 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150		06/03/19 14:05	1
Trifluorotoluene (Surr)	94		50 - 150		06/03/19 14:05	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		06/03/19 09:28	06/04/19 15:36	1
Motor Oil (>C24-C36)	1000		350		ug/L		06/03/19 09:28	06/04/19 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150	06/03/19 09:28	06/04/19 15:36	1

Client Sample ID: MW-14_20190528

Lab Sample ID: 580-86515-3

Date Collected: 05/28/19 12:55

Matrix: Water

Date Received: 05/30/19 16:29

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			05/31/19 15:49	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		05/31/19 15:49	1
Toluene-d8 (Surr)	103		80 - 120		05/31/19 15:49	1
4-Bromofluorobenzene (Surr)	101		80 - 120		05/31/19 15:49	1
Dibromofluoromethane (Surr)	91		80 - 120		05/31/19 15:49	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			06/03/19 16:11	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/03/19 16:11	1
Toluene-d8 (Surr)	105		80 - 120		06/03/19 16:11	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/03/19 16:11	1
4-Bromofluorobenzene (Surr)	101		80 - 120		06/03/19 16:11	1
Dibromofluoromethane (Surr)	97		80 - 120		06/03/19 16:11	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			06/03/19 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150		06/03/19 14:35	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-14_20190528

Lab Sample ID: 580-86515-3

Date Collected: 05/28/19 12:55

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		50 - 150		06/03/19 14:35	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)	1400		110		ug/L		06/03/19 09:28	06/04/19 15:56	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	64		50 - 150	06/03/19 09:28	06/04/19 15:56	1

Client Sample ID: MW-19_20190528

Lab Sample ID: 580-86515-4

Date Collected: 05/28/19 11:35

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	12		2.0		ug/L			05/31/19 16:14	1
Xylenes, Total	57		3.0		ug/L			05/31/19 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		05/31/19 16:14	1
Toluene-d8 (Surr)	105		80 - 120		05/31/19 16:14	1
4-Bromofluorobenzene (Surr)	102		80 - 120		05/31/19 16:14	1
Dibromofluoromethane (Surr)	90		80 - 120		05/31/19 16:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	470		30		ug/L			06/04/19 04:44	10
Ethylbenzene	1400		30		ug/L			06/04/19 04:44	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		06/04/19 04:44	10
Toluene-d8 (Surr)	106		80 - 120		06/04/19 04:44	10
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		06/04/19 04:44	10
4-Bromofluorobenzene (Surr)	104		80 - 120		06/04/19 04:44	10
Dibromofluoromethane (Surr)	99		80 - 120		06/04/19 04:44	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	9800		250		ug/L			06/03/19 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	X	50 - 150		06/03/19 15:05	1
Trifluorotoluene (Surr)	120		50 - 150		06/03/19 15:05	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		06/03/19 09:28	06/04/19 16:37	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	64		50 - 150	06/03/19 09:28	06/04/19 16:37	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-20_20190528

Lab Sample ID: 580-86515-5

Date Collected: 05/28/19 10:05

Matrix: Water

Date Received: 05/30/19 16:29

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			05/31/19 16:39	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					05/31/19 16:39	1
Toluene-d8 (Surr)	101		80 - 120					05/31/19 16:39	1
4-Bromofluorobenzene (Surr)	100		80 - 120					05/31/19 16:39	1
Dibromofluoromethane (Surr)	88		80 - 120					05/31/19 16:39	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			06/03/19 16:36	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/03/19 16:36	1
Toluene-d8 (Surr)	107		80 - 120					06/03/19 16:36	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/03/19 16:36	1
4-Bromofluorobenzene (Surr)	101		80 - 120					06/03/19 16:36	1
Dibromofluoromethane (Surr)	101		80 - 120					06/03/19 16:36	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			06/03/19 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150					06/03/19 15:35	1
Trifluorotoluene (Surr)	97		50 - 150					06/03/19 15:35	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)	260		110		ug/L		06/03/19 09:28	06/04/19 16:57	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 16:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150				06/03/19 09:28	06/04/19 16:57	1

Client Sample ID: MW-21_20190528

Lab Sample ID: 580-86515-6

Date Collected: 05/28/19 09:35

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	3.8		2.0		ug/L			05/31/19 17:03	1
Xylenes, Total	68		3.0		ug/L			05/31/19 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					05/31/19 17:03	1
Toluene-d8 (Surr)	101		80 - 120					05/31/19 17:03	1
4-Bromofluorobenzene (Surr)	90		80 - 120					05/31/19 17:03	1
Dibromofluoromethane (Surr)	87		80 - 120					05/31/19 17:03	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-21_20190528

Lab Sample ID: 580-86515-6

Date Collected: 05/28/19 09:35

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	33		30		ug/L			06/04/19 05:08	10
Ethylbenzene	500		30		ug/L			06/04/19 05:08	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/04/19 05:08	10
Toluene-d8 (Surr)	106		80 - 120					06/04/19 05:08	10
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/04/19 05:08	10
4-Bromofluorobenzene (Surr)	103		80 - 120					06/04/19 05:08	10
Dibromofluoromethane (Surr)	100		80 - 120					06/04/19 05:08	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7900		250		ug/L			06/03/19 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	242	X	50 - 150					06/03/19 16:05	1
Trifluorotoluene (Surr)	107		50 - 150					06/03/19 16:05	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)	5700		110		ug/L		06/03/19 09:28	06/04/19 17:17	1
Motor Oil (>C24-C36)	990		350		ug/L		06/03/19 09:28	06/04/19 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150				06/03/19 09:28	06/04/19 17:17	1

Client Sample ID: MW-35_20190528

Lab Sample ID: 580-86515-7

Date Collected: 05/28/19 11:15

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	11000		3000		ug/L			06/04/19 10:48	1000
Toluene	ND		2000		ug/L			06/04/19 10:48	1000
Ethylbenzene	3100		3000		ug/L			06/04/19 10:48	1000
Xylenes, Total	15000		3000		ug/L			06/04/19 10:48	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/04/19 10:48	1000
Toluene-d8 (Surr)	106		80 - 120					06/04/19 10:48	1000
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/04/19 10:48	1000
4-Bromofluorobenzene (Surr)	101		80 - 120					06/04/19 10:48	1000
Dibromofluoromethane (Surr)	96		80 - 120					06/04/19 10:48	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	62000		2500		ug/L			06/05/19 14:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		50 - 150					06/05/19 14:00	10
Trifluorotoluene (Surr)	66		50 - 150					06/05/19 14:00	10

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-35_20190528

Lab Sample ID: 580-86515-7

Date Collected: 05/28/19 11:15

Matrix: Water

Date Received: 05/30/19 16:29

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		110		ug/L		06/03/19 09:28	06/04/19 17:37	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150				06/03/19 09:28	06/04/19 17:37	1

Client Sample ID: MW-39_20190528

Lab Sample ID: 580-86515-8

Date Collected: 05/28/19 10:25

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 17:00	1
Toluene	ND		2.0		ug/L			06/03/19 17:00	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 17:00	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/03/19 17:00	1
Toluene-d8 (Surr)	106		80 - 120					06/03/19 17:00	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					06/03/19 17:00	1
4-Bromofluorobenzene (Surr)	101		80 - 120					06/03/19 17:00	1
Dibromofluoromethane (Surr)	99		80 - 120					06/03/19 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			06/05/19 21:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					06/05/19 21:29	1
Trifluorotoluene (Surr)	104		50 - 150					06/05/19 21:29	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		06/03/19 09:28	06/04/19 17:57	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150				06/03/19 09:28	06/04/19 17:57	1

Client Sample ID: MW-41_20190528

Lab Sample ID: 580-86515-9

Date Collected: 05/29/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

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			05/31/19 18:16	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120					05/31/19 18:16	1
Toluene-d8 (Surr)	105		80 - 120					05/31/19 18:16	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-41_20190528

Lab Sample ID: 580-86515-9

Date Collected: 05/29/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		05/31/19 18:16	1
Dibromofluoromethane (Surr)	89		80 - 120		05/31/19 18:16	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			06/03/19 17:24	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/03/19 17:24	1
Toluene-d8 (Surr)	107		80 - 120		06/03/19 17:24	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/03/19 17:24	1
4-Bromofluorobenzene (Surr)	105		80 - 120		06/03/19 17:24	1
Dibromofluoromethane (Surr)	100		80 - 120		06/03/19 17:24	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			06/03/19 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150		06/03/19 18:05	1
Trifluorotoluene (Surr)	102		50 - 150		06/03/19 18:05	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		06/03/19 09:28	06/04/19 18:17	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	39	X	50 - 150	06/03/19 09:28	06/04/19 18:17	1

Client Sample ID: MW-43_20190529

Lab Sample ID: 580-86515-10

Date Collected: 05/29/19 10:15

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9.8		3.0		ug/L			06/03/19 17:49	1
Toluene	13		2.0		ug/L			06/03/19 17:49	1
Xylenes, Total	490		3.0		ug/L			06/03/19 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/03/19 17:49	1
Toluene-d8 (Surr)	102		80 - 120		06/03/19 17:49	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/03/19 17:49	1
4-Bromofluorobenzene (Surr)	107		80 - 120		06/03/19 17:49	1
Dibromofluoromethane (Surr)	98		80 - 120		06/03/19 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	340		30		ug/L			06/04/19 16:04	10

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-43_20190529

Lab Sample ID: 580-86515-10

Date Collected: 05/29/19 10:15

Matrix: Water

Date Received: 05/30/19 16:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 120		06/04/19 16:04	10
Toluene-d8 (Surr)	105		80 - 120		06/04/19 16:04	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/04/19 16:04	10
4-Bromofluorobenzene (Surr)	104		80 - 120		06/04/19 16:04	10
Dibromofluoromethane (Surr)	99		80 - 120		06/04/19 16:04	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	23000		250		ug/L	-		06/03/19 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	230	X	50 - 150					06/03/19 18:34	1
Trifluorotoluene (Surr)	100		50 - 150					06/03/19 18:34	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)	5600		110		ug/L		06/03/19 09:28	06/04/19 18:37	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				06/03/19 09:28	06/04/19 18:37	1

Client Sample ID: MW-44_20190529

Lab Sample ID: 580-86515-11

Date Collected: 05/29/19 10:50

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.2	F1	3.0		ug/L			06/03/19 18:13	1
Toluene	ND	F1	2.0		ug/L			06/03/19 18:13	1
Xylenes, Total	52	F1	3.0		ug/L			06/03/19 18:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/03/19 18:13	1
Toluene-d8 (Surr)	105		80 - 120					06/03/19 18:13	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/03/19 18:13	1
4-Bromofluorobenzene (Surr)	107		80 - 120					06/03/19 18:13	1
Dibromofluoromethane (Surr)	101		80 - 120					06/03/19 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	510	F2	30		ug/L			06/04/19 16:29	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/04/19 16:29	10
Toluene-d8 (Surr)	106		80 - 120					06/04/19 16:29	10
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/04/19 16:29	10
4-Bromofluorobenzene (Surr)	101		80 - 120					06/04/19 16:29	10
Dibromofluoromethane (Surr)	98		80 - 120					06/04/19 16:29	10

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-44_20190529

Lab Sample ID: 580-86515-11

Date Collected: 05/29/19 10:50

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5000		250		ug/L	-		06/03/19 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	X	50 - 150					06/03/19 19:04	1
Trifluorotoluene (Surr)	108		50 - 150					06/03/19 19:04	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)	2300	F1	110		ug/L	-	06/03/19 09:22	06/05/19 19:38	1
Motor Oil (>C24-C36)	ND	F1 F2	350		ug/L	-	06/03/19 09:22	06/05/19 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150				06/03/19 09:22	06/05/19 19:38	1

Client Sample ID: MW-45_20190528

Lab Sample ID: 580-86515-12

Date Collected: 05/28/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	2.0		2.0		ug/L	-		05/31/19 20:17	1
Xylenes, Total	56		3.0		ug/L	-		05/31/19 20:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					05/31/19 20:17	1
Toluene-d8 (Surr)	104		80 - 120					05/31/19 20:17	1
4-Bromofluorobenzene (Surr)	101		80 - 120					05/31/19 20:17	1
Dibromofluoromethane (Surr)	89		80 - 120					05/31/19 20:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		30		ug/L	-		06/04/19 05:56	10
Ethylbenzene	550		30		ug/L	-		06/04/19 05:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/04/19 05:56	10
Toluene-d8 (Surr)	104		80 - 120					06/04/19 05:56	10
1,2-Dichloroethane-d4 (Surr)	95		80 - 126					06/04/19 05:56	10
4-Bromofluorobenzene (Surr)	101		80 - 120					06/04/19 05:56	10
Dibromofluoromethane (Surr)	99		80 - 120					06/04/19 05:56	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6400		250		ug/L	-		06/03/19 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	309	X	50 - 150					06/03/19 20:34	1
Trifluorotoluene (Surr)	109		50 - 150					06/03/19 20:34	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)	2900		110		ug/L	-	06/03/19 09:22	06/05/19 20:44	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-45_20190528

Lab Sample ID: 580-86515-12

Date Collected: 05/28/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	47	X	50 - 150				06/03/19 09:22	06/05/19 20:44	1

Client Sample ID: MW-55_20190529

Lab Sample ID: 580-86515-13

Date Collected: 05/29/19 11:45

Matrix: Water

Date Received: 05/30/19 16:29

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			05/31/19 20:41	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120					05/31/19 20:41	1
Toluene-d8 (Surr)	107		80 - 120					05/31/19 20:41	1
4-Bromofluorobenzene (Surr)	96		80 - 120					05/31/19 20:41	1
Dibromofluoromethane (Surr)	85		80 - 120					05/31/19 20:41	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			06/04/19 06:45	1
Ethylbenzene	ND		3.0		ug/L			06/04/19 06:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/04/19 06:45	1
Toluene-d8 (Surr)	106		80 - 120					06/04/19 06:45	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					06/04/19 06:45	1
4-Bromofluorobenzene (Surr)	100		80 - 120					06/04/19 06:45	1
Dibromofluoromethane (Surr)	99		80 - 120					06/04/19 06:45	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			06/03/19 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					06/03/19 21:04	1
Trifluorotoluene (Surr)	103		50 - 150					06/03/19 21:04	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		06/03/19 09:22	06/05/19 21:06	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150				06/03/19 09:22	06/05/19 21:06	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-56_20190529

Lab Sample ID: 580-86515-14

Date Collected: 05/29/19 12:00

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	120		3.0		ug/L			06/04/19 18:30	1
Toluene	80		2.0		ug/L			06/04/19 18:30	1
Xylenes, Total	790		3.0		ug/L			06/04/19 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		06/04/19 18:30	1
Toluene-d8 (Surr)	104		80 - 120		06/04/19 18:30	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		06/04/19 18:30	1
4-Bromofluorobenzene (Surr)	107		80 - 120		06/04/19 18:30	1
Dibromofluoromethane (Surr)	96		80 - 120		06/04/19 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1300		30		ug/L			06/04/19 18:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/04/19 18:06	10
Toluene-d8 (Surr)	103		80 - 120		06/04/19 18:06	10
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		06/04/19 18:06	10
4-Bromofluorobenzene (Surr)	103		80 - 120		06/04/19 18:06	10
Dibromofluoromethane (Surr)	95		80 - 120		06/04/19 18:06	10

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120		06/04/19 17:42	100
Toluene-d8 (Surr)	106		80 - 120		06/04/19 17:42	100
1,2-Dichloroethane-d4 (Surr)	96		80 - 126		06/04/19 17:42	100
4-Bromofluorobenzene (Surr)	98		80 - 120		06/04/19 17:42	100
Dibromofluoromethane (Surr)	98		80 - 120		06/04/19 17:42	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	33000		2500		ug/L			06/05/19 14:30	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		50 - 150		06/05/19 14:30	10
Trifluorotoluene (Surr)	67		50 - 150		06/05/19 14:30	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)	5900		110		ug/L		06/03/19 09:22	06/05/19 21:28	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	68		50 - 150	06/03/19 09:22	06/05/19 21:28	1

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Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-57_20190529

Lab Sample ID: 580-86515-15

Date Collected: 05/29/19 12:20

Matrix: Water

Date Received: 05/30/19 16:29

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			06/04/19 19:43	1
Toluene	ND		2.0		ug/L			06/04/19 19:43	1
Ethylbenzene	ND		3.0		ug/L			06/04/19 19:43	1
Xylenes, Total	ND		3.0		ug/L			06/04/19 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/04/19 19:43	1
Toluene-d8 (Surr)	105		80 - 120		06/04/19 19:43	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		06/04/19 19:43	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/04/19 19:43	1
Dibromofluoromethane (Surr)	97		80 - 120		06/04/19 19:43	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			06/03/19 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150		06/03/19 22:34	1
Trifluorotoluene (Surr)	106		50 - 150		06/03/19 22:34	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		06/03/19 09:22	06/05/19 22:13	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150	06/03/19 09:22	06/05/19 22:13	1

Client Sample ID: MW-58_20190529

Lab Sample ID: 580-86515-16

Date Collected: 05/29/19 12:35

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 19:26	1
Toluene	ND		2.0		ug/L			06/03/19 19:26	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 19:26	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/03/19 19:26	1
Toluene-d8 (Surr)	105		80 - 120		06/03/19 19:26	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		06/03/19 19:26	1
4-Bromofluorobenzene (Surr)	103		80 - 120		06/03/19 19:26	1
Dibromofluoromethane (Surr)	99		80 - 120		06/03/19 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1300		250		ug/L			06/03/19 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136		50 - 150		06/03/19 23:04	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-58_20190529

Lab Sample ID: 580-86515-16

Date Collected: 05/29/19 12:35

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		50 - 150		06/03/19 23:04	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)	5900		110		ug/L		06/03/19 09:22	06/05/19 22:35	1
Motor Oil (>C24-C36)	2000		350		ug/L		06/03/19 09:22	06/05/19 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150	06/03/19 09:22	06/05/19 22:35	1

Client Sample ID: MW-59_20190529

Lab Sample ID: 580-86515-17

Date Collected: 05/29/19 12:50

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 19:50	1
Toluene	ND		2.0		ug/L			06/03/19 19:50	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 19:50	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		06/03/19 19:50	1
Toluene-d8 (Surr)	105		80 - 120		06/03/19 19:50	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		06/03/19 19:50	1
4-Bromofluorobenzene (Surr)	104		80 - 120		06/03/19 19:50	1
Dibromofluoromethane (Surr)	97		80 - 120		06/03/19 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1700		250		ug/L			06/03/19 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136		50 - 150		06/03/19 23:34	1
Trifluorotoluene (Surr)	103		50 - 150		06/03/19 23:34	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)	18000		110		ug/L		06/03/19 09:22	06/05/19 22:57	1
Motor Oil (>C24-C36)	3400		350		ug/L		06/03/19 09:22	06/05/19 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150	06/03/19 09:22	06/05/19 22:57	1

Client Sample ID: MW-60_20190529

Lab Sample ID: 580-86515-18

Date Collected: 05/29/19 13:05

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 20:15	1
Toluene	ND		2.0		ug/L			06/03/19 20:15	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-60_20190529

Lab Sample ID: 580-86515-18

Date Collected: 05/29/19 13:05

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 20:15	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					06/03/19 20:15	1
Toluene-d8 (Surr)	107		80 - 120					06/03/19 20:15	1
1,2-Dichloroethane-d4 (Surr)	96		80 - 126					06/03/19 20:15	1
4-Bromofluorobenzene (Surr)	101		80 - 120					06/03/19 20:15	1
Dibromofluoromethane (Surr)	99		80 - 120					06/03/19 20:15	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			06/04/19 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					06/04/19 00:04	1
Trifluorotoluene (Surr)	101		50 - 150					06/04/19 00:04	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		06/03/19 09:22	06/05/19 23:18	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	93		50 - 150				06/03/19 09:22	06/05/19 23:18	1

Client Sample ID: MW-61_20190529

Lab Sample ID: 580-86515-19

Date Collected: 05/29/19 12:55

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 20:39	1
Toluene	ND		2.0		ug/L			06/03/19 20:39	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 20:39	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					06/03/19 20:39	1
Toluene-d8 (Surr)	108		80 - 120					06/03/19 20:39	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					06/03/19 20:39	1
4-Bromofluorobenzene (Surr)	103		80 - 120					06/03/19 20:39	1
Dibromofluoromethane (Surr)	100		80 - 120					06/03/19 20:39	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			06/04/19 00:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					06/04/19 00:34	1
Trifluorotoluene (Surr)	102		50 - 150					06/04/19 00:34	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-61_20190529

Lab Sample ID: 580-86515-19

Date Collected: 05/29/19 12:55

Matrix: Water

Date Received: 05/30/19 16:29

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		06/03/19 09:22	06/05/19 23:41	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	80		50 - 150				06/03/19 09:22	06/05/19 23:41	1

Client Sample ID: MW-62_20190529

Lab Sample ID: 580-86515-20

Date Collected: 05/29/19 13:15

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 21:03	1
Toluene	ND		2.0		ug/L			06/03/19 21:03	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 21:03	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Trifluorotoluene (Surr)</i>	100		80 - 120					06/03/19 21:03	1
<i>Toluene-d8 (Surr)</i>	105		80 - 120					06/03/19 21:03	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	99		80 - 126					06/03/19 21:03	1
<i>4-Bromofluorobenzene (Surr)</i>	99		80 - 120					06/03/19 21:03	1
<i>Dibromofluoromethane (Surr)</i>	101		80 - 120					06/03/19 21:03	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			06/05/19 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	99		50 - 150					06/05/19 21:59	1
<i>Trifluorotoluene (Surr)</i>	99		50 - 150					06/05/19 21:59	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		06/03/19 09:22	06/06/19 00:02	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/06/19 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	86		50 - 150				06/03/19 09:22	06/06/19 00:02	1

Client Sample ID: MW-63_20190529

Lab Sample ID: 580-86515-21

Date Collected: 05/29/19 14:10

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 21:27	1
Toluene	ND		2.0		ug/L			06/03/19 21:27	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 21:27	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 21:27	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-63_20190529

Lab Sample ID: 580-86515-21

Date Collected: 05/29/19 14:10

Matrix: Water

Date Received: 05/30/19 16:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/03/19 21:27	1
Toluene-d8 (Surr)	105		80 - 120		06/03/19 21:27	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		06/03/19 21:27	1
4-Bromofluorobenzene (Surr)	102		80 - 120		06/03/19 21:27	1
Dibromofluoromethane (Surr)	100		80 - 120		06/03/19 21:27	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			06/05/19 22:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					06/05/19 22:29	1
Trifluorotoluene (Surr)	101		50 - 150					06/05/19 22:29	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		06/03/19 09:22	06/06/19 00:24	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/06/19 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				06/03/19 09:22	06/06/19 00:24	1

Client Sample ID: MW-64_20190528

Lab Sample ID: 580-86515-22

Date Collected: 05/28/19 15:40

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.1	F2	3.0		ug/L			06/04/19 02:18	1
Toluene	ND	F1 F2	2.0		ug/L			06/04/19 02:18	1
Ethylbenzene	ND	F1 F2	3.0		ug/L			06/04/19 02:18	1
Xylenes, Total	3.5	F1 F2	3.0		ug/L			06/04/19 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120					06/04/19 02:18	1
Toluene-d8 (Surr)	101		80 - 120					06/04/19 02:18	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					06/04/19 02:18	1
4-Bromofluorobenzene (Surr)	103		80 - 120					06/04/19 02:18	1
Dibromofluoromethane (Surr)	98		80 - 120					06/04/19 02:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	920	F2	250		ug/L			06/10/19 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	X	50 - 150					06/10/19 20:48	1
Trifluorotoluene (Surr)	103		50 - 150					06/10/19 20:48	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)	3500		110		ug/L		06/03/19 11:04	06/04/19 18:57	1
Motor Oil (>C24-C36)	660		350		ug/L		06/03/19 11:04	06/04/19 18:57	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-64_20190528

Lab Sample ID: 580-86515-22

Date Collected: 05/28/19 15:40

Matrix: Water

Date Received: 05/30/19 16:29

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150	06/03/19 11:04	06/04/19 18:57	1

Client Sample ID: MW-66_20190528

Lab Sample ID: 580-86515-23

Date Collected: 05/28/19 11:50

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	7.6		2.0		ug/L	-		06/04/19 08:22	1
Xylenes, Total	8.5		3.0		ug/L	-		06/04/19 08:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/04/19 08:22	1
Toluene-d8 (Surr)	106		80 - 120					06/04/19 08:22	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/04/19 08:22	1
4-Bromofluorobenzene (Surr)	104		80 - 120					06/04/19 08:22	1
Dibromofluoromethane (Surr)	98		80 - 120					06/04/19 08:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	340		30		ug/L	-		06/04/19 07:58	10
Ethylbenzene	300		30		ug/L	-		06/04/19 07:58	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120					06/04/19 07:58	10
Toluene-d8 (Surr)	106		80 - 120					06/04/19 07:58	10
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					06/04/19 07:58	10
4-Bromofluorobenzene (Surr)	101		80 - 120					06/04/19 07:58	10
Dibromofluoromethane (Surr)	99		80 - 120					06/04/19 07:58	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2000		250		ug/L	-		06/05/19 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	X	50 - 150					06/05/19 22:59	1
Trifluorotoluene (Surr)	113		50 - 150					06/05/19 22:59	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)	1400		110		ug/L	-	06/06/19 09:34	06/08/19 21:05	1
Motor Oil (>C24-C36)	ND		350		ug/L	-	06/06/19 09:34	06/08/19 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150				06/06/19 09:34	06/08/19 21:05	1

Client Sample ID: MW-67_20190529

Lab Sample ID: 580-86515-24

Date Collected: 05/29/19 14:05

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	13		2.0		ug/L	-		06/04/19 09:10	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-67_20190529

Lab Sample ID: 580-86515-24

Date Collected: 05/29/19 14:05

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	95		3.0		ug/L			06/04/19 09:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/04/19 09:10	1
Toluene-d8 (Surr)	106		80 - 120					06/04/19 09:10	1
1,2-Dichloroethane-d4 (Surr)	94		80 - 126					06/04/19 09:10	1
4-Bromofluorobenzene (Surr)	104		80 - 120					06/04/19 09:10	1
Dibromofluoromethane (Surr)	97		80 - 120					06/04/19 09:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	620		30		ug/L			06/04/19 08:46	10
Ethylbenzene	1000		30		ug/L			06/04/19 08:46	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/04/19 08:46	10
Toluene-d8 (Surr)	105		80 - 120					06/04/19 08:46	10
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/04/19 08:46	10
4-Bromofluorobenzene (Surr)	101		80 - 120					06/04/19 08:46	10
Dibromofluoromethane (Surr)	100		80 - 120					06/04/19 08:46	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			06/05/19 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	X	50 - 150					06/05/19 23:29	1
Trifluorotoluene (Surr)	105		50 - 150					06/05/19 23:29	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)	2000		110		ug/L		06/06/19 09:34	06/08/19 21:25	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150				06/06/19 09:34	06/08/19 21:25	1

Client Sample ID: MW-68_20190529

Lab Sample ID: 580-86515-25

Date Collected: 05/29/19 13:50

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 21:52	1
Toluene	ND		2.0		ug/L			06/03/19 21:52	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 21:52	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					06/03/19 21:52	1
Toluene-d8 (Surr)	105		80 - 120					06/03/19 21:52	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					06/03/19 21:52	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-68_20190529

Lab Sample ID: 580-86515-25

Date Collected: 05/29/19 13:50

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120		06/03/19 21:52	1
Dibromofluoromethane (Surr)	100		80 - 120		06/03/19 21:52	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	-		06/05/19 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					06/05/19 23:59	1
Trifluorotoluene (Surr)	101		50 - 150					06/05/19 23:59	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		06/06/19 09:34	06/08/19 21:45	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150				06/06/19 09:34	06/08/19 21:45	1

Client Sample ID: MW-69_20190529

Lab Sample ID: 580-86515-26

Date Collected: 05/29/19 13:30

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 22:16	1
Toluene	ND		2.0		ug/L			06/03/19 22:16	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 22:16	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/03/19 22:16	1
Toluene-d8 (Surr)	104		80 - 120					06/03/19 22:16	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					06/03/19 22:16	1
4-Bromofluorobenzene (Surr)	99		80 - 120					06/03/19 22:16	1
Dibromofluoromethane (Surr)	101		80 - 120					06/03/19 22:16	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			06/06/19 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					06/06/19 00:29	1
Trifluorotoluene (Surr)	97		50 - 150					06/06/19 00:29	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		06/06/19 09:34	06/08/19 22:06	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	98		50 - 150				06/06/19 09:34	06/08/19 22:06	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-70_20190529

Lab Sample ID: 580-86515-27

Date Collected: 05/29/19 12:25

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 22:40	1
Toluene	ND		2.0		ug/L			06/03/19 22:40	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 22:40	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 22:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/03/19 22:40	1
Toluene-d8 (Surr)	106		80 - 120		06/03/19 22:40	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		06/03/19 22:40	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/03/19 22:40	1
Dibromofluoromethane (Surr)	101		80 - 120		06/03/19 22:40	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			06/10/19 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150		06/10/19 23:17	1
Trifluorotoluene (Surr)	103		50 - 150		06/10/19 23:17	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		06/06/19 09:34	06/08/19 22:46	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150	06/06/19 09:34	06/08/19 22:46	1

Client Sample ID: MW-71_20190528

Lab Sample ID: 580-86515-28

Date Collected: 05/28/19 16:25

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 23:04	1
Toluene	ND		2.0		ug/L			06/03/19 23:04	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 23:04	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		06/03/19 23:04	1
Toluene-d8 (Surr)	105		80 - 120		06/03/19 23:04	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/03/19 23:04	1
4-Bromofluorobenzene (Surr)	101		80 - 120		06/03/19 23:04	1
Dibromofluoromethane (Surr)	101		80 - 120		06/03/19 23:04	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			06/10/19 22:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150		06/10/19 22:17	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: MW-71_20190528

Lab Sample ID: 580-86515-28

Date Collected: 05/28/19 16:25

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		50 - 150		06/10/19 22:17	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)	540		110		ug/L		06/06/19 09:34	06/08/19 23:06	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	06/06/19 09:34	06/08/19 23:06	1

Client Sample ID: AG-WELL_20190529

Lab Sample ID: 580-86515-29

Date Collected: 05/29/19 13:40

Matrix: Water

Date Received: 05/30/19 16:29

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			06/04/19 03:30	1
Toluene	ND		2.0		ug/L			06/04/19 03:30	1
Ethylbenzene	ND		3.0		ug/L			06/04/19 03:30	1
Xylenes, Total	ND		3.0		ug/L			06/04/19 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		06/04/19 03:30	1
Toluene-d8 (Surr)	107		80 - 120		06/04/19 03:30	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		06/04/19 03:30	1
4-Bromofluorobenzene (Surr)	101		80 - 120		06/04/19 03:30	1
Dibromofluoromethane (Surr)	99		80 - 120		06/04/19 03:30	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			06/10/19 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		06/10/19 23:47	1
Trifluorotoluene (Surr)	109		50 - 150		06/10/19 23:47	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)	170		110		ug/L		06/06/19 09:34	06/08/19 23:26	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	196	X	50 - 150	06/06/19 09:34	06/08/19 23:26	1

Client Sample ID: Trip Blank-1_20190528

Lab Sample ID: 580-86515-30

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 14:34	1
Toluene	ND		2.0		ug/L			06/03/19 14:34	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: Trip Blank-1_20190528

Lab Sample ID: 580-86515-30

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 14:34	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/03/19 14:34	1
Toluene-d8 (Surr)	103		80 - 120					06/03/19 14:34	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/03/19 14:34	1
4-Bromofluorobenzene (Surr)	104		80 - 120					06/03/19 14:34	1
Dibromofluoromethane (Surr)	101		80 - 120					06/03/19 14:34	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			06/03/19 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150					06/03/19 13:05	1
Trifluorotoluene (Surr)	82		50 - 150					06/03/19 13:05	1

Client Sample ID: Trip Blank-2_20190528

Lab Sample ID: 580-86515-31

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 14:59	1
Toluene	ND		2.0		ug/L			06/03/19 14:59	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 14:59	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 14:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					06/03/19 14:59	1
Toluene-d8 (Surr)	109		80 - 120					06/03/19 14:59	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					06/03/19 14:59	1
4-Bromofluorobenzene (Surr)	102		80 - 120					06/03/19 14:59	1
Dibromofluoromethane (Surr)	99		80 - 120					06/03/19 14:59	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			06/10/19 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					06/10/19 16:19	1
Trifluorotoluene (Surr)	107		50 - 150					06/10/19 16:19	1

Client Sample ID: Trip Blank-3_20190528

Lab Sample ID: 580-86515-32

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 15:23	1
Toluene	ND		2.0		ug/L			06/03/19 15:23	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: Trip Blank-3_20190528

Lab Sample ID: 580-86515-32

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

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			06/03/19 15:23	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/03/19 15:23	1
Toluene-d8 (Surr)	105		80 - 120					06/03/19 15:23	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					06/03/19 15:23	1
4-Bromofluorobenzene (Surr)	101		80 - 120					06/03/19 15:23	1
Dibromofluoromethane (Surr)	99		80 - 120					06/03/19 15:23	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			06/10/19 16:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					06/10/19 16:49	1
Trifluorotoluene (Surr)	111		50 - 150					06/10/19 16:49	1

Client Sample ID: Dup-1_20190528

Lab Sample ID: 580-86515-33

Date Collected: 05/28/19 06:00

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	34		3.0		ug/L			06/04/19 09:59	1
Toluene	3.8		2.0		ug/L			06/04/19 09:59	1
Xylenes, Total	73		3.0		ug/L			06/04/19 09:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/04/19 09:59	1
Toluene-d8 (Surr)	107		80 - 120					06/04/19 09:59	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126					06/04/19 09:59	1
4-Bromofluorobenzene (Surr)	104		80 - 120					06/04/19 09:59	1
Dibromofluoromethane (Surr)	94		80 - 120					06/04/19 09:59	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			06/04/19 09:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120					06/04/19 09:35	10
Toluene-d8 (Surr)	106		80 - 120					06/04/19 09:35	10
1,2-Dichloroethane-d4 (Surr)	94		80 - 126					06/04/19 09:35	10
4-Bromofluorobenzene (Surr)	103		80 - 120					06/04/19 09:35	10
Dibromofluoromethane (Surr)	96		80 - 120					06/04/19 09:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7200		250		ug/L			06/11/19 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	X	50 - 150					06/11/19 00:17	1

Eurofins TestAmerica, Seattle

Client Sample Results

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

Job ID: 580-86515-1

Client Sample ID: Dup-1_20190528

Lab Sample ID: 580-86515-33

Date Collected: 05/28/19 06:00

Matrix: Water

Date Received: 05/30/19 16:29

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		50 - 150		06/11/19 00:17	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)	7100		110		ug/L		06/06/19 09:34	06/08/19 23:46	1
Motor Oil (>C24-C36)	1500		350		ug/L		06/06/19 09:34	06/08/19 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	148		50 - 150	06/06/19 09:34	06/08/19 23:46	1

Client Sample ID: Dup-2_20190528

Lab Sample ID: 580-86515-34

Date Collected: 05/28/19 06:30

Matrix: Water

Date Received: 05/30/19 16:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.6		3.0		ug/L			06/04/19 03:55	1
Toluene	ND		2.0		ug/L			06/04/19 03:55	1
Ethylbenzene	ND		3.0		ug/L			06/04/19 03:55	1
Xylenes, Total	ND		3.0		ug/L			06/04/19 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/04/19 03:55	1
Toluene-d8 (Surr)	109		80 - 120		06/04/19 03:55	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		06/04/19 03:55	1
4-Bromofluorobenzene (Surr)	101		80 - 120		06/04/19 03:55	1
Dibromofluoromethane (Surr)	99		80 - 120		06/04/19 03:55	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			06/11/19 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150		06/11/19 12:39	1
Trifluorotoluene (Surr)	71		50 - 150		06/11/19 12:39	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		06/06/19 09:34	06/09/19 00:07	1
Motor Oil (>C24-C36)	350		350		ug/L		06/06/19 09:34	06/09/19 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	156	X	50 - 150	06/06/19 09:34	06/09/19 00:07	1

Surrogate Summary

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

Job ID: 580-86515-1

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)
580-86515-1	C_20190528	98	101	91	100	90
580-86515-2	MW-2_20190528	101	104		96	90
580-86515-2 - RA	MW-2_20190528	99	106	100	101	101
580-86515-3	MW-14_20190528	102	103		101	91
580-86515-3 - RA	MW-14_20190528	100	105	101	101	97
580-86515-4	MW-19_20190528	102	105		102	90
580-86515-4 - DL	MW-19_20190528	98	106	97	104	99
580-86515-5	MW-20_20190528	102	101		100	88
580-86515-5 - RA	MW-20_20190528	100	107	101	101	101
580-86515-6	MW-21_20190528	99	101		90	87
580-86515-6 - DL	MW-21_20190528	98	106	97	103	100
580-86515-7	MW-35_20190528	100	106	97	101	96
580-86515-8	MW-39_20190528	98	106	103	101	99
580-86515-9	MW-41_20190528	104	105		98	89
580-86515-9 - RA	MW-41_20190528	100	107	103	105	100
580-86515-10	MW-43_20190529	100	102	101	107	98
580-86515-10 - DL	MW-43_20190529	96	105	101	104	99
580-86515-11	MW-44_20190529	99	105	97	107	101
580-86515-11 - DL	MW-44_20190529	98	106	97	101	98
580-86515-11 MS	MW-44_20190529	101	103	96	105	98
580-86515-11 MS - DL	MW-44_20190529	99	100	100	97	99
580-86515-11 MSD	MW-44_20190529	101	98	93	97	96
580-86515-11 MSD - DL	MW-44_20190529	99	101	98	96	96
580-86515-12	MW-45_20190528	102	104		101	89
580-86515-12 - DL	MW-45_20190528	98	104	95	101	99
580-86515-13	MW-55_20190529	103	107		96	85
580-86515-13 - RA	MW-55_20190529	98	106	102	100	99
580-86515-14 - DL2	MW-56_20190529	97	106	96	98	98
580-86515-14 - DL	MW-56_20190529	99	103	97	103	95
580-86515-14	MW-56_20190529	101	104	95	107	96
580-86515-15	MW-57_20190529	99	105	95	100	97
580-86515-16	MW-58_20190529	99	105	95	103	99
580-86515-17	MW-59_20190529	102	105	98	104	97
580-86515-18	MW-60_20190529	101	107	96	101	99
580-86515-19	MW-61_20190529	102	108	99	103	100
580-86515-20	MW-62_20190529	100	105	99	99	101
580-86515-21	MW-63_20190529	99	105	98	102	100
580-86515-22	MW-64_20190528	97	101	102	103	98
580-86515-22 MS	MW-64_20190528	100	103	98	101	100
580-86515-22 MSD	MW-64_20190528	99	100	95	98	100
580-86515-23 - DL	MW-66_20190528	97	106	100	101	99
580-86515-23	MW-66_20190528	98	106	97	104	98
580-86515-24 - DL	MW-67_20190529	99	105	97	101	100
580-86515-24	MW-67_20190529	99	106	94	104	97
580-86515-25	MW-68_20190529	101	105	100	100	100
580-86515-26	MW-69_20190529	99	104	100	99	101
580-86515-27	MW-70_20190529	100	106	98	100	101
580-86515-28	MW-71_20190528	98	105	100	101	101
580-86515-29	AG-WELL_20190529	98	107	98	101	99

Eurofins TestAmerica, Seattle

Surrogate Summary

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

Job ID: 580-86515-1

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)				
		TFT (80-120)	TOL (80-120)	DCA (80-126)	BFB (80-120)	DBFM (80-120)
580-86515-30	Trip Blank-1_20190528	100	103	101	104	101
580-86515-31	Trip Blank-2_20190528	101	109	103	102	99
580-86515-32	Trip Blank-3_20190528	99	105	99	101	99
580-86515-33 - DL	Dup-1_20190528	97	106	94	103	96
580-86515-33	Dup-1_20190528	99	107	95	104	94
580-86515-34	Dup-2_20190528	99	109	97	101	99
LCS 580-302074/4	Lab Control Sample	96	99	106	98	105
LCS 580-302241/4	Lab Control Sample	101	105	98	103	103
LCS 580-302254/4	Lab Control Sample	99	102	98	100	100
LCS 580-302359/4	Lab Control Sample	98	98	99	97	98
LCSD 580-302074/5	Lab Control Sample Dup	96	101	104	99	104
LCSD 580-302241/5	Lab Control Sample Dup	102	101	98	103	101
LCSD 580-302254/5	Lab Control Sample Dup	100	99	100	95	100
LCSD 580-302359/5	Lab Control Sample Dup	100	99	98	97	99
MB 580-302074/7	Method Blank	101	102	106	95	102
MB 580-302241/7	Method Blank	99	104	100	101	97
MB 580-302254/7	Method Blank	101	103	102	100	101
MB 580-302359/7	Method Blank	99	105	99	101	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)
580-86515-1	C_20190528	100	93
580-86515-2	MW-2_20190528	99	94
580-86515-3	MW-14_20190528	102	94
580-86515-4	MW-19_20190528	261 X	120
580-86515-5	MW-20_20190528	105	97
580-86515-6	MW-21_20190528	242 X	107
580-86515-7 - DL	MW-35_20190528	118	66
580-86515-8	MW-39_20190528	100	104
580-86515-9	MW-41_20190528	102	102
580-86515-10	MW-43_20190529	230 X	100
580-86515-11	MW-44_20190529	209 X	108
580-86515-11 MS	MW-44_20190529	214 X	106
580-86515-11 MSD	MW-44_20190529	204 X	105
580-86515-12	MW-45_20190528	309 X	109
580-86515-13	MW-55_20190529	100	103
580-86515-14 - DL	MW-56_20190529	111	67
580-86515-15	MW-57_20190529	100	106
580-86515-16	MW-58_20190529	136	106
580-86515-17	MW-59_20190529	136	103

Eurofins TestAmerica, Seattle

Surrogate Summary

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

Job ID: 580-86515-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (50-150)	TFT1 (50-150)
580-86515-18	MW-60_20190529	100	101
580-86515-19	MW-61_20190529	100	102
580-86515-20	MW-62_20190529	99	99
580-86515-21	MW-63_20190529	99	101
580-86515-22	MW-64_20190528	155 X	103
580-86515-22 MS	MW-64_20190528	165 X	82
580-86515-22 MSD	MW-64_20190528	168 X	107
580-86515-23	MW-66_20190528	155 X	113
580-86515-24	MW-67_20190529	243 X	105
580-86515-25	MW-68_20190529	99	101
580-86515-26	MW-69_20190529	99	97
580-86515-27	MW-70_20190529	99	103
580-86515-28	MW-71_20190528	99	100
580-86515-29	AG-WELL_20190529	97	109
580-86515-30	Trip Blank-1_20190528	98	82
580-86515-31	Trip Blank-2_20190528	100	107
580-86515-32	Trip Blank-3_20190528	99	111
580-86515-33	Dup-1_20190528	243 X	110
580-86515-34	Dup-2_20190528	100	71
LCS 580-302216/6	Lab Control Sample	102	106
LCS 580-302392/6	Lab Control Sample	102	107
LCS 580-302722/6	Lab Control Sample	101	102
LCS 580-302821/6	Lab Control Sample	100	102
LCSD 580-302216/7	Lab Control Sample Dup	103	105
LCSD 580-302392/7	Lab Control Sample Dup	102	105
LCSD 580-302722/7	Lab Control Sample Dup	99	102
LCSD 580-302821/7	Lab Control Sample Dup	99	102
MB 580-302216/5	Method Blank	100	104
MB 580-302392/9	Method Blank	99	107
MB 580-302722/5	Method Blank	99	108
MB 580-302821/5	Method Blank	93	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

TFT = Trifluorotoluene (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		OTPH (50-150)	
580-86515-1	C_20190528	66	
580-86515-2	MW-2_20190528	59	
580-86515-3	MW-14_20190528	64	
580-86515-4	MW-19_20190528	64	
580-86515-5	MW-20_20190528	87	
580-86515-6	MW-21_20190528	75	
580-86515-7	MW-35_20190528	75	
580-86515-8	MW-39_20190528	80	
580-86515-9	MW-41_20190528	39 X	

Eurofins TestAmerica, Seattle

Surrogate Summary

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

Job ID: 580-86515-1

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)
580-86515-10	MW-43_20190529	82
580-86515-11	MW-44_20190529	96
580-86515-11 MS	MW-44_20190529	25 X
580-86515-11 MSD	MW-44_20190529	44 X
580-86515-12	MW-45_20190528	47 X
580-86515-13	MW-55_20190529	87
580-86515-14	MW-56_20190529	68
580-86515-15	MW-57_20190529	58
580-86515-16	MW-58_20190529	79
580-86515-17	MW-59_20190529	76
580-86515-18	MW-60_20190529	93
580-86515-19	MW-61_20190529	80
580-86515-20	MW-62_20190529	86
580-86515-21	MW-63_20190529	82
580-86515-22	MW-64_20190528	76
580-86515-22 MS	MW-64_20190528	79
580-86515-22 MSD	MW-64_20190528	74
580-86515-23	MW-66_20190528	80
580-86515-24	MW-67_20190529	85
580-86515-25	MW-68_20190529	88
580-86515-26	MW-69_20190529	98
580-86515-27	MW-70_20190529	97
580-86515-28	MW-71_20190528	81
580-86515-29	AG-WELL_20190529	196 X
580-86515-33	Dup-1_20190528	148
580-86515-34	Dup-2_20190528	156 X
LCS 580-302207/2-A	Lab Control Sample	84
LCS 580-302209/2-A	Lab Control Sample	74
LCS 580-302522/2-A	Lab Control Sample	74
LCSD 580-302207/3-A	Lab Control Sample Dup	86
LCSD 580-302209/3-A	Lab Control Sample Dup	64
LCSD 580-302522/3-A	Lab Control Sample Dup	76
MB 580-302207/1-A	Method Blank	80
MB 580-302209/1-A	Method Blank	75
MB 580-302522/1-A	Method Blank	85

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: MB 580-302074/7

Matrix: Water

Analysis Batch: 302074

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			05/31/19 12:10	1
Toluene	ND		2.0		ug/L			05/31/19 12:10	1
Ethylbenzene	ND		3.0		ug/L			05/31/19 12:10	1
Xylenes, Total	ND		3.0		ug/L			05/31/19 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		05/31/19 12:10	1
Toluene-d8 (Surr)	102		80 - 120		05/31/19 12:10	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 126		05/31/19 12:10	1
4-Bromofluorobenzene (Surr)	95		80 - 120		05/31/19 12:10	1
Dibromofluoromethane (Surr)	102		80 - 120		05/31/19 12:10	1

Lab Sample ID: LCS 580-302074/4

Matrix: Water

Analysis Batch: 302074

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	10.9		ug/L		109	75 - 121
Toluene	10.0	10.6		ug/L		106	80 - 120
Ethylbenzene	10.0	10.1		ug/L		101	80 - 120
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	80 - 120
o-Xylene	10.0	10.4		ug/L		104	80 - 120
Xylenes, Total	20.0	20.7		ug/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	96		80 - 120
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	106		80 - 126
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120

Lab Sample ID: LCSD 580-302074/5

Matrix: Water

Analysis Batch: 302074

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	11.1		ug/L		111	75 - 121	2	14
Toluene	10.0	10.5		ug/L		105	80 - 120	1	19
Ethylbenzene	10.0	10.2		ug/L		102	80 - 120	0	14
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	80 - 120	0	14
o-Xylene	10.0	10.5		ug/L		105	80 - 120	1	16
Xylenes, Total	20.0	20.7		ug/L		104	80 - 120	0	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	96		80 - 120
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	104		80 - 126

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QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCSD 580-302074/5

Matrix: Water

Analysis Batch: 302074

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120

Lab Sample ID: MB 580-302241/7

Matrix: Water

Analysis Batch: 302241

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier								
Benzene	ND		3.0		ug/L			06/03/19 13:40	1
Toluene	ND		2.0		ug/L			06/03/19 13:40	1
Ethylbenzene	ND		3.0		ug/L			06/03/19 13:40	1
Xylenes, Total	ND		3.0		ug/L			06/03/19 13:40	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
Trifluorotoluene (Surr)	99		80 - 120		06/03/19 13:40	1
Toluene-d8 (Surr)	104		80 - 120		06/03/19 13:40	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/03/19 13:40	1
4-Bromofluorobenzene (Surr)	101		80 - 120		06/03/19 13:40	1
Dibromofluoromethane (Surr)	97		80 - 120		06/03/19 13:40	1

Lab Sample ID: LCS 580-302241/4

Matrix: Water

Analysis Batch: 302241

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Added	Result	Qualifier					Limits
Benzene	10.0	10.8		ug/L		108	75 - 121
Toluene	10.0	11.2		ug/L		112	80 - 120
Ethylbenzene	10.0	11.5		ug/L		115	80 - 120
m-Xylene & p-Xylene	10.0	11.1		ug/L		111	80 - 120
o-Xylene	10.0	11.1		ug/L		111	80 - 120
Xylenes, Total	20.0	22.2		ug/L		111	80 - 120

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	105		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120

Lab Sample ID: LCSD 580-302241/5

Matrix: Water

Analysis Batch: 302241

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
Added	Result	Qualifier					Limits	RPD	Limit
Benzene	10.0	10.6		ug/L		106	75 - 121	2	14
Toluene	10.0	10.6		ug/L		106	80 - 120	6	19
Ethylbenzene	10.0	11.1		ug/L		111	80 - 120	4	14
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	80 - 120	6	14

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCSD 580-302241/5

Matrix: Water

Analysis Batch: 302241

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
o-Xylene	10.0	10.7		ug/L		107	80 - 120	4	16
Xylenes, Total	20.0	21.1		ug/L		106	80 - 120	5	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	102		80 - 120
Toluene-d8 (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120

Lab Sample ID: 580-86515-11 MS

Matrix: Water

Analysis Batch: 302241

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	7.2	F1	10.0	13.8	F1	ug/L		66	75 - 121
Toluene	ND	F1	10.0	8.51	F1	ug/L		66	80 - 120
m-Xylene & p-Xylene	52		10.0	56.8	4	ug/L		43	80 - 120
o-Xylene	ND	F1	10.0	6.44	F1	ug/L		64	80 - 120
Xylenes, Total	52	F1	20.0	63.2	F1	ug/L		56	80 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	96		80 - 126
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120

Lab Sample ID: 580-86515-11 MSD

Matrix: Water

Analysis Batch: 302241

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	7.2	F1	10.0	14.7		ug/L		75	75 - 121	7	14
Toluene	ND	F1	10.0	8.85	F1	ug/L		70	80 - 120	4	19
m-Xylene & p-Xylene	52		10.0	56.5	4	ug/L		40	80 - 120	1	14
o-Xylene	ND	F1	10.0	6.85	F1	ug/L		68	80 - 120	6	16
Xylenes, Total	52	F1	20.0	63.4	F1	ug/L		57	80 - 120	0	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	98		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		80 - 126
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: MB 580-302254/7

Matrix: Water

Analysis Batch: 302254

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			06/04/19 01:53	1
Toluene	ND		2.0		ug/L			06/04/19 01:53	1
Ethylbenzene	ND		3.0		ug/L			06/04/19 01:53	1
Xylenes, Total	ND		3.0		ug/L			06/04/19 01:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		06/04/19 01:53	1
Toluene-d8 (Surr)	103		80 - 120		06/04/19 01:53	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/04/19 01:53	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/04/19 01:53	1
Dibromofluoromethane (Surr)	101		80 - 120		06/04/19 01:53	1

Lab Sample ID: LCS 580-302254/4

Matrix: Water

Analysis Batch: 302254

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	10.8		ug/L		108	75 - 121
Toluene	10.0	11.0		ug/L		110	80 - 120
Ethylbenzene	10.0	11.1		ug/L		111	80 - 120
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	80 - 120
o-Xylene	10.0	10.6		ug/L		106	80 - 120
Xylenes, Total	20.0	20.8		ug/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	102		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120

Lab Sample ID: LCSD 580-302254/5

Matrix: Water

Analysis Batch: 302254

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	10.9		ug/L		109	75 - 121	1	14
Toluene	10.0	10.6		ug/L		106	80 - 120	4	19
Ethylbenzene	10.0	10.7		ug/L		107	80 - 120	4	14
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	80 - 120	2	14
o-Xylene	10.0	10.4		ug/L		104	80 - 120	3	16
Xylenes, Total	20.0	20.4		ug/L		102	80 - 120	2	16

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	99		80 - 120
1,2-Dichloroethane-d4 (Surr)	100		80 - 126

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QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCSD 580-302254/5

Matrix: Water

Analysis Batch: 302254

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120

Lab Sample ID: 580-86515-22 MS

Matrix: Water

Analysis Batch: 302254

Client Sample ID: MW-64_20190528

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	4.1	F2	10.0	12.0		ug/L		79	75 - 121
Toluene	ND	F1 F2	10.0	8.68	F1	ug/L		75	80 - 120
Ethylbenzene	ND	F1 F2	10.0	7.89	F1	ug/L		79	80 - 120
m-Xylene & p-Xylene	3.5	F1 F2	10.0	10.6	F1	ug/L		72	80 - 120
o-Xylene	ND	F1 F2	10.0	7.47	F1	ug/L		75	80 - 120
Xylenes, Total	3.5	F1 F2	20.0	18.1	F1	ug/L		73	80 - 120

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	103		80 - 120
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120

Lab Sample ID: 580-86515-22 MSD

Matrix: Water

Analysis Batch: 302254

Client Sample ID: MW-64_20190528

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	4.1	F2	10.0	15.8	F2	ug/L		118	75 - 121	28	14
Toluene	ND	F1 F2	10.0	12.0	F2	ug/L		108	80 - 120	32	19
Ethylbenzene	ND	F1 F2	10.0	11.8	F2	ug/L		118	80 - 120	40	14
m-Xylene & p-Xylene	3.5	F1 F2	10.0	13.9	F2	ug/L		104	80 - 120	27	14
o-Xylene	ND	F1 F2	10.0	11.1	F2	ug/L		111	80 - 120	40	16
Xylenes, Total	3.5	F1 F2	20.0	25.0	F2	ug/L		108	80 - 120	32	16

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 120
1,2-Dichloroethane-d4 (Surr)	95		80 - 126
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120

Lab Sample ID: MB 580-302359/7

Matrix: Water

Analysis Batch: 302359

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			06/04/19 14:27	1
Toluene	ND		2.0		ug/L			06/04/19 14:27	1

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QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: MB 580-302359/7

Matrix: Water

Analysis Batch: 302359

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			06/04/19 14:27	1
Xylenes, Total	ND		3.0		ug/L			06/04/19 14:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/04/19 14:27	1
Toluene-d8 (Surr)	105		80 - 120					06/04/19 14:27	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					06/04/19 14:27	1
4-Bromofluorobenzene (Surr)	101		80 - 120					06/04/19 14:27	1
Dibromofluoromethane (Surr)	97		80 - 120					06/04/19 14:27	1

Lab Sample ID: LCS 580-302359/4

Matrix: Water

Analysis Batch: 302359

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	10.3		ug/L		103	75 - 121
Toluene	10.0	10.5		ug/L		105	80 - 120
Ethylbenzene	10.0	10.7		ug/L		107	80 - 120
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	80 - 120
o-Xylene	10.0	10.4		ug/L		104	80 - 120
Xylenes, Total	20.0	20.4		ug/L		102	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Trifluorotoluene (Surr)	98		80 - 120				
Toluene-d8 (Surr)	98		80 - 120				
1,2-Dichloroethane-d4 (Surr)	99		80 - 126				
4-Bromofluorobenzene (Surr)	97		80 - 120				
Dibromofluoromethane (Surr)	98		80 - 120				

Lab Sample ID: LCSD 580-302359/5

Matrix: Water

Analysis Batch: 302359

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	10.8		ug/L		108	75 - 121	5	14
Toluene	10.0	10.3		ug/L		103	80 - 120	2	19
Ethylbenzene	10.0	10.8		ug/L		108	80 - 120	1	14
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	80 - 120	2	14
o-Xylene	10.0	10.4		ug/L		104	80 - 120	0	16
Xylenes, Total	20.0	20.7		ug/L		104	80 - 120	1	16
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	100		80 - 120						
Toluene-d8 (Surr)	99		80 - 120						
1,2-Dichloroethane-d4 (Surr)	98		80 - 126						
4-Bromofluorobenzene (Surr)	97		80 - 120						
Dibromofluoromethane (Surr)	99		80 - 120						

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: 580-86515-11 MS

Matrix: Water

Analysis Batch: 302359

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene - DL	510	F2	100	531	4	ug/L		18	80 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
Trifluorotoluene (Surr) - DL	99		80 - 120						
Toluene-d8 (Surr) - DL	100		80 - 120						
1,2-Dichloroethane-d4 (Surr) - DL	100		80 - 126						
4-Bromofluorobenzene (Surr) - DL	97		80 - 120						
Dibromofluoromethane (Surr) - DL	99		80 - 120						

Lab Sample ID: 580-86515-11 MSD

Matrix: Water

Analysis Batch: 302359

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene - DL	510	F2	100	682	4 F2	ug/L		168	80 - 120	25	14
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Trifluorotoluene (Surr) - DL	99		80 - 120								
Toluene-d8 (Surr) - DL	101		80 - 120								
1,2-Dichloroethane-d4 (Surr) - DL	98		80 - 126								
4-Bromofluorobenzene (Surr) - DL	96		80 - 120								
Dibromofluoromethane (Surr) - DL	96		80 - 120								

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

Lab Sample ID: MB 580-302216/5

Matrix: Water

Analysis Batch: 302216

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			06/03/19 11:04	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150					06/03/19 11:04	1
Trifluorotoluene (Surr)	104		50 - 150					06/03/19 11:04	1

Lab Sample ID: LCS 580-302216/6

Matrix: Water

Analysis Batch: 302216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	866		ug/L		87	79 - 120

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCS 580-302216/6

Matrix: Water

Analysis Batch: 302216

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		50 - 150
Trifluorotoluene (Surr)	106		50 - 150

Lab Sample ID: LCSD 580-302216/7

Matrix: Water

Analysis Batch: 302216

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	845		ug/L		84	79 - 120	3	10
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		50 - 150						
Trifluorotoluene (Surr)	105		50 - 150						

Lab Sample ID: 580-86515-11 MS

Matrix: Water

Analysis Batch: 302216

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	5000		1000	5950	4	ug/L		93	79 - 120		
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	214	X	50 - 150								
Trifluorotoluene (Surr)	106		50 - 150								

Lab Sample ID: 580-86515-11 MSD

Matrix: Water

Analysis Batch: 302216

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	5000		1000	5520	4	ug/L		49	79 - 120	8	10
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	204	X	50 - 150								
Trifluorotoluene (Surr)	105		50 - 150								

Lab Sample ID: MB 580-302392/9

Matrix: Water

Analysis Batch: 302392

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			06/05/19 12:03	1
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		50 - 150						
Trifluorotoluene (Surr)	107		50 - 150						

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCS 580-302392/6

Matrix: Water

Analysis Batch: 302392

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline			1000	857		ug/L		86	79 - 120		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
4-Bromofluorobenzene (Surr)		102		50 - 150							
Trifluorotoluene (Surr)		107		50 - 150							

Lab Sample ID: LCSD 580-302392/7

Matrix: Water

Analysis Batch: 302392

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	815		ug/L		81	79 - 120	5	10
Surrogate		LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)		102		50 - 150							
Trifluorotoluene (Surr)		105		50 - 150							

Lab Sample ID: MB 580-302722/5

Matrix: Water

Analysis Batch: 302722

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			06/10/19 11:27	1
Surrogate		MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		99		50 - 150					06/10/19 11:27	1
Trifluorotoluene (Surr)		108		50 - 150					06/10/19 11:27	1

Lab Sample ID: LCS 580-302722/6

Matrix: Water

Analysis Batch: 302722

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline			1000	819		ug/L		82	79 - 120		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
4-Bromofluorobenzene (Surr)		101		50 - 150							
Trifluorotoluene (Surr)		102		50 - 150							

Lab Sample ID: LCSD 580-302722/7

Matrix: Water

Analysis Batch: 302722

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	826		ug/L		83	79 - 120	1	10

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCSD 580-302722/7

Matrix: Water

Analysis Batch: 302722

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		50 - 150
Trifluorotoluene (Surr)	102		50 - 150

Lab Sample ID: 580-86515-22 MS

Matrix: Water

Analysis Batch: 302722

Client Sample ID: MW-64_20190528

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	920	F2	1000	1800		ug/L		88	79 - 120
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	165	X	50 - 150						
Trifluorotoluene (Surr)	82		50 - 150						

Lab Sample ID: 580-86515-22 MSD

Matrix: Water

Analysis Batch: 302722

Client Sample ID: MW-64_20190528

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	920	F2	1000	2020	F2	ug/L		110	79 - 120	11	10
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	168	X	50 - 150								
Trifluorotoluene (Surr)	107		50 - 150								

Lab Sample ID: MB 580-302821/5

Matrix: Water

Analysis Batch: 302821

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			06/11/19 10:11	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		50 - 150					06/11/19 10:11	1
Trifluorotoluene (Surr)	106		50 - 150					06/11/19 10:11	1

Lab Sample ID: LCS 580-302821/6

Matrix: Water

Analysis Batch: 302821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	836		ug/L		84	79 - 120
Surrogate	LCS	LCS					
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	100		50 - 150				
Trifluorotoluene (Surr)	102		50 - 150				

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCSD 580-302821/7

Matrix: Water

Analysis Batch: 302821

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	814		ug/L		81	79 - 120	3	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		50 - 150						
Trifluorotoluene (Surr)	102		50 - 150						

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

Lab Sample ID: MB 580-302207/1-A

Matrix: Water

Analysis Batch: 302483

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 302207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/03/19 09:22	06/05/19 18:33	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:22	06/05/19 18:33	1
Surrogate	%Recovery	MB Qualifier	Limits						
o-Terphenyl	80		50 - 150						

Lab Sample ID: LCS 580-302207/2-A

Matrix: Water

Analysis Batch: 302483

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 302207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2000	1620		ug/L		81	50 - 120		
Motor Oil (>C24-C36)	2000	1700		ug/L		85	64 - 120		
Surrogate	%Recovery	LCS Qualifier	Limits						
o-Terphenyl	84		50 - 150						

Lab Sample ID: LCSD 580-302207/3-A

Matrix: Water

Analysis Batch: 302483

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 302207

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2000	1770		ug/L		88	50 - 120	9	26
Motor Oil (>C24-C36)	2000	1860		ug/L		93	64 - 120	9	24
Surrogate	%Recovery	LCSD Qualifier	Limits						
o-Terphenyl	86		50 - 150						

Lab Sample ID: 580-86515-11 MS

Matrix: Water

Analysis Batch: 302483

Client Sample ID: MW-44_20190529

Prep Type: Total/NA

Prep Batch: 302207

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2300	F1	1990	2460	F1	ug/L		9	50 - 120		
Motor Oil (>C24-C36)	ND	F1 F2	1990	514	F1	ug/L		20	64 - 120		

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	25	X	50 - 150

Lab Sample ID: 580-86515-11 MSD
Matrix: Water
Analysis Batch: 302483

Client Sample ID: MW-44_20190529
Prep Type: Total/NA
Prep Batch: 302207

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2300	F1	1990	2810	F1	ug/L		26	50 - 120	13	26
Motor Oil (>C24-C36)	ND	F1 F2	1990	863	F1 F2	ug/L		37	64 - 120	51	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	44	X	50 - 150

Lab Sample ID: MB 580-302209/1-A
Matrix: Water
Analysis Batch: 302304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 302209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/03/19 09:28	06/04/19 11:35	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/03/19 09:28	06/04/19 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	06/03/19 09:28	06/04/19 11:35	1

Lab Sample ID: LCS 580-302209/2-A
Matrix: Water
Analysis Batch: 302304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 302209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2000	1480		ug/L		74	50 - 120
Motor Oil (>C24-C36)	2000	1710		ug/L		86	64 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	74		50 - 150

Lab Sample ID: LCSD 580-302209/3-A
Matrix: Water
Analysis Batch: 302304

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 302209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1310		ug/L		66	50 - 120	12	26
Motor Oil (>C24-C36)	2000	1460		ug/L		73	64 - 120	16	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	64		50 - 150

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: 580-86515-22 MS

Matrix: Water

Analysis Batch: 302304

Client Sample ID: MW-64_20190528

Prep Type: Total/NA

Prep Batch: 302209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	3500		2000	5040		ug/L		77	50 - 120
Motor Oil (>C24-C36)	660		2000	2370		ug/L		85	64 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	79		50 - 150						

Lab Sample ID: 580-86515-22 MSD

Matrix: Water

Analysis Batch: 302304

Client Sample ID: MW-64_20190528

Prep Type: Total/NA

Prep Batch: 302209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	3500		2000	4890		ug/L		69	50 - 120	3	26
Motor Oil (>C24-C36)	660		2000	2290		ug/L		81	64 - 120	3	24
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	74		50 - 150								

Lab Sample ID: MB 580-302522/1-A

Matrix: Water

Analysis Batch: 302638

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 302522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/06/19 09:34	06/08/19 19:05	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/06/19 09:34	06/08/19 19:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150				06/06/19 09:34	06/08/19 19:05	1

Lab Sample ID: LCS 580-302522/2-A

Matrix: Water

Analysis Batch: 302638

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 302522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2000	1450		ug/L		73	50 - 120
Motor Oil (>C24-C36)	2000	1520		ug/L		76	64 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	74		50 - 150				

Lab Sample ID: LCSD 580-302522/3-A

Matrix: Water

Analysis Batch: 302638

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 302522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1450		ug/L		72	50 - 120	1	26
Motor Oil (>C24-C36)	2000	1540		ug/L		77	64 - 120	2	24

Eurofins TestAmerica, Seattle

QC Sample Results

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

Job ID: 580-86515-1

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

Lab Sample ID: LCSD 580-302522/3-A

Matrix: Water

Analysis Batch: 302638

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 302522

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	76		50 - 150

QC Association Summary

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

Job ID: 580-86515-1

GC/MS VOA

Analysis Batch: 302074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-1	C_20190528	Total/NA	Water	8260C	
580-86515-2	MW-2_20190528	Total/NA	Water	8260C	
580-86515-3	MW-14_20190528	Total/NA	Water	8260C	
580-86515-4	MW-19_20190528	Total/NA	Water	8260C	
580-86515-5	MW-20_20190528	Total/NA	Water	8260C	
580-86515-6	MW-21_20190528	Total/NA	Water	8260C	
580-86515-9	MW-41_20190528	Total/NA	Water	8260C	
580-86515-12	MW-45_20190528	Total/NA	Water	8260C	
580-86515-13	MW-55_20190529	Total/NA	Water	8260C	
MB 580-302074/7	Method Blank	Total/NA	Water	8260C	
LCS 580-302074/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-302074/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 302241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-2 - RA	MW-2_20190528	Total/NA	Water	8260C	
580-86515-3 - RA	MW-14_20190528	Total/NA	Water	8260C	
580-86515-5 - RA	MW-20_20190528	Total/NA	Water	8260C	
580-86515-8	MW-39_20190528	Total/NA	Water	8260C	
580-86515-9 - RA	MW-41_20190528	Total/NA	Water	8260C	
580-86515-10	MW-43_20190529	Total/NA	Water	8260C	
580-86515-11	MW-44_20190529	Total/NA	Water	8260C	
580-86515-16	MW-58_20190529	Total/NA	Water	8260C	
580-86515-17	MW-59_20190529	Total/NA	Water	8260C	
580-86515-18	MW-60_20190529	Total/NA	Water	8260C	
580-86515-19	MW-61_20190529	Total/NA	Water	8260C	
580-86515-20	MW-62_20190529	Total/NA	Water	8260C	
580-86515-21	MW-63_20190529	Total/NA	Water	8260C	
580-86515-25	MW-68_20190529	Total/NA	Water	8260C	
580-86515-26	MW-69_20190529	Total/NA	Water	8260C	
580-86515-27	MW-70_20190529	Total/NA	Water	8260C	
580-86515-28	MW-71_20190528	Total/NA	Water	8260C	
580-86515-30	Trip Blank-1_20190528	Total/NA	Water	8260C	
580-86515-31	Trip Blank-2_20190528	Total/NA	Water	8260C	
580-86515-32	Trip Blank-3_20190528	Total/NA	Water	8260C	
MB 580-302241/7	Method Blank	Total/NA	Water	8260C	
LCS 580-302241/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-302241/5	Lab Control Sample Dup	Total/NA	Water	8260C	
580-86515-11 MS	MW-44_20190529	Total/NA	Water	8260C	
580-86515-11 MSD	MW-44_20190529	Total/NA	Water	8260C	

Analysis Batch: 302254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-4 - DL	MW-19_20190528	Total/NA	Water	8260C	
580-86515-6 - DL	MW-21_20190528	Total/NA	Water	8260C	
580-86515-7	MW-35_20190528	Total/NA	Water	8260C	
580-86515-12 - DL	MW-45_20190528	Total/NA	Water	8260C	
580-86515-13 - RA	MW-55_20190529	Total/NA	Water	8260C	
580-86515-22	MW-64_20190528	Total/NA	Water	8260C	
580-86515-23 - DL	MW-66_20190528	Total/NA	Water	8260C	
580-86515-23	MW-66_20190528	Total/NA	Water	8260C	

Eurofins TestAmerica, Seattle

QC Association Summary

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

Job ID: 580-86515-1

GC/MS VOA (Continued)

Analysis Batch: 302254 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-24 - DL	MW-67_20190529	Total/NA	Water	8260C	
580-86515-24	MW-67_20190529	Total/NA	Water	8260C	
580-86515-29	AG-WELL_20190529	Total/NA	Water	8260C	
580-86515-33 - DL	Dup-1_20190528	Total/NA	Water	8260C	
580-86515-33	Dup-1_20190528	Total/NA	Water	8260C	
580-86515-34	Dup-2_20190528	Total/NA	Water	8260C	
MB 580-302254/7	Method Blank	Total/NA	Water	8260C	
LCS 580-302254/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-302254/5	Lab Control Sample Dup	Total/NA	Water	8260C	
580-86515-22 MS	MW-64_20190528	Total/NA	Water	8260C	
580-86515-22 MSD	MW-64_20190528	Total/NA	Water	8260C	

Analysis Batch: 302359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-10 - DL	MW-43_20190529	Total/NA	Water	8260C	
580-86515-11 - DL	MW-44_20190529	Total/NA	Water	8260C	
580-86515-14 - DL2	MW-56_20190529	Total/NA	Water	8260C	
580-86515-14 - DL	MW-56_20190529	Total/NA	Water	8260C	
580-86515-14	MW-56_20190529	Total/NA	Water	8260C	
580-86515-15	MW-57_20190529	Total/NA	Water	8260C	
MB 580-302359/7	Method Blank	Total/NA	Water	8260C	
LCS 580-302359/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 580-302359/5	Lab Control Sample Dup	Total/NA	Water	8260C	
580-86515-11 MS - DL	MW-44_20190529	Total/NA	Water	8260C	
580-86515-11 MSD - DL	MW-44_20190529	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 302216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-1	C_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-2	MW-2_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-3	MW-14_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-4	MW-19_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-5	MW-20_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-6	MW-21_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-9	MW-41_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-10	MW-43_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-11	MW-44_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-12	MW-45_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-13	MW-55_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-15	MW-57_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-16	MW-58_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-17	MW-59_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-18	MW-60_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-19	MW-61_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-30	Trip Blank-1_20190528	Total/NA	Water	NWTPH-Gx	
MB 580-302216/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-302216/6	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-302216/7	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-86515-11 MS	MW-44_20190529	Total/NA	Water	NWTPH-Gx	

Eurofins TestAmerica, Seattle

QC Association Summary

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

Job ID: 580-86515-1

GC VOA (Continued)

Analysis Batch: 302216 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-11 MSD	MW-44_20190529	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 302392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-7 - DL	MW-35_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-8	MW-39_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-14 - DL	MW-56_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-20	MW-62_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-21	MW-63_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-23	MW-66_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-24	MW-67_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-25	MW-68_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-26	MW-69_20190529	Total/NA	Water	NWTPH-Gx	
MB 580-302392/9	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-302392/6	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-302392/7	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 302722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-22	MW-64_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-27	MW-70_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-28	MW-71_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-29	AG-WELL_20190529	Total/NA	Water	NWTPH-Gx	
580-86515-31	Trip Blank-2_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-32	Trip Blank-3_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-33	Dup-1_20190528	Total/NA	Water	NWTPH-Gx	
MB 580-302722/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-302722/6	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-302722/7	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	
580-86515-22 MS	MW-64_20190528	Total/NA	Water	NWTPH-Gx	
580-86515-22 MSD	MW-64_20190528	Total/NA	Water	NWTPH-Gx	

Analysis Batch: 302821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-34	Dup-2_20190528	Total/NA	Water	NWTPH-Gx	
MB 580-302821/5	Method Blank	Total/NA	Water	NWTPH-Gx	
LCS 580-302821/6	Lab Control Sample	Total/NA	Water	NWTPH-Gx	
LCSD 580-302821/7	Lab Control Sample Dup	Total/NA	Water	NWTPH-Gx	

GC Semi VOA

Prep Batch: 302207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-11	MW-44_20190529	Total/NA	Water	3510C	
580-86515-12	MW-45_20190528	Total/NA	Water	3510C	
580-86515-13	MW-55_20190529	Total/NA	Water	3510C	
580-86515-14	MW-56_20190529	Total/NA	Water	3510C	
580-86515-15	MW-57_20190529	Total/NA	Water	3510C	
580-86515-16	MW-58_20190529	Total/NA	Water	3510C	
580-86515-17	MW-59_20190529	Total/NA	Water	3510C	
580-86515-18	MW-60_20190529	Total/NA	Water	3510C	

Eurofins TestAmerica, Seattle

QC Association Summary

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

Job ID: 580-86515-1

GC Semi VOA (Continued)

Prep Batch: 302207 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-19	MW-61_20190529	Total/NA	Water	3510C	
580-86515-20	MW-62_20190529	Total/NA	Water	3510C	
580-86515-21	MW-63_20190529	Total/NA	Water	3510C	
MB 580-302207/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-302207/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-302207/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-86515-11 MS	MW-44_20190529	Total/NA	Water	3510C	
580-86515-11 MSD	MW-44_20190529	Total/NA	Water	3510C	

Prep Batch: 302209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-1	C_20190528	Total/NA	Water	3510C	
580-86515-2	MW-2_20190528	Total/NA	Water	3510C	
580-86515-3	MW-14_20190528	Total/NA	Water	3510C	
580-86515-4	MW-19_20190528	Total/NA	Water	3510C	
580-86515-5	MW-20_20190528	Total/NA	Water	3510C	
580-86515-6	MW-21_20190528	Total/NA	Water	3510C	
580-86515-7	MW-35_20190528	Total/NA	Water	3510C	
580-86515-8	MW-39_20190528	Total/NA	Water	3510C	
580-86515-9	MW-41_20190528	Total/NA	Water	3510C	
580-86515-10	MW-43_20190529	Total/NA	Water	3510C	
580-86515-22	MW-64_20190528	Total/NA	Water	3510C	
MB 580-302209/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-302209/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-302209/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
580-86515-22 MS	MW-64_20190528	Total/NA	Water	3510C	
580-86515-22 MSD	MW-64_20190528	Total/NA	Water	3510C	

Analysis Batch: 302304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-1	C_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-2	MW-2_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-3	MW-14_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-4	MW-19_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-5	MW-20_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-6	MW-21_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-7	MW-35_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-8	MW-39_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-9	MW-41_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-10	MW-43_20190529	Total/NA	Water	NWTPH-Dx	302209
580-86515-22	MW-64_20190528	Total/NA	Water	NWTPH-Dx	302209
MB 580-302209/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	302209
LCS 580-302209/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	302209
LCSD 580-302209/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	302209
580-86515-22 MS	MW-64_20190528	Total/NA	Water	NWTPH-Dx	302209
580-86515-22 MSD	MW-64_20190528	Total/NA	Water	NWTPH-Dx	302209

Analysis Batch: 302483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-11	MW-44_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-12	MW-45_20190528	Total/NA	Water	NWTPH-Dx	302207

Eurofins TestAmerica, Seattle

QC Association Summary

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

Job ID: 580-86515-1

GC Semi VOA (Continued)

Analysis Batch: 302483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-13	MW-55_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-14	MW-56_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-15	MW-57_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-16	MW-58_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-17	MW-59_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-18	MW-60_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-19	MW-61_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-20	MW-62_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-21	MW-63_20190529	Total/NA	Water	NWTPH-Dx	302207
MB 580-302207/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	302207
LCS 580-302207/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	302207
LCSD 580-302207/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	302207
580-86515-11 MS	MW-44_20190529	Total/NA	Water	NWTPH-Dx	302207
580-86515-11 MSD	MW-44_20190529	Total/NA	Water	NWTPH-Dx	302207

Prep Batch: 302522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-23	MW-66_20190528	Total/NA	Water	3510C	
580-86515-24	MW-67_20190529	Total/NA	Water	3510C	
580-86515-25	MW-68_20190529	Total/NA	Water	3510C	
580-86515-26	MW-69_20190529	Total/NA	Water	3510C	
580-86515-27	MW-70_20190529	Total/NA	Water	3510C	
580-86515-28	MW-71_20190528	Total/NA	Water	3510C	
580-86515-29	AG-WELL_20190529	Total/NA	Water	3510C	
580-86515-33	Dup-1_20190528	Total/NA	Water	3510C	
580-86515-34	Dup-2_20190528	Total/NA	Water	3510C	
MB 580-302522/1-A	Method Blank	Total/NA	Water	3510C	
LCS 580-302522/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 580-302522/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 302638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
580-86515-23	MW-66_20190528	Total/NA	Water	NWTPH-Dx	302522
580-86515-24	MW-67_20190529	Total/NA	Water	NWTPH-Dx	302522
580-86515-25	MW-68_20190529	Total/NA	Water	NWTPH-Dx	302522
580-86515-26	MW-69_20190529	Total/NA	Water	NWTPH-Dx	302522
580-86515-27	MW-70_20190529	Total/NA	Water	NWTPH-Dx	302522
580-86515-28	MW-71_20190528	Total/NA	Water	NWTPH-Dx	302522
580-86515-29	AG-WELL_20190529	Total/NA	Water	NWTPH-Dx	302522
580-86515-33	Dup-1_20190528	Total/NA	Water	NWTPH-Dx	302522
580-86515-34	Dup-2_20190528	Total/NA	Water	NWTPH-Dx	302522
MB 580-302522/1-A	Method Blank	Total/NA	Water	NWTPH-Dx	302522
LCS 580-302522/2-A	Lab Control Sample	Total/NA	Water	NWTPH-Dx	302522
LCSD 580-302522/3-A	Lab Control Sample Dup	Total/NA	Water	NWTPH-Dx	302522

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: C_20190528

Lab Sample ID: 580-86515-1

Date Collected: 05/28/19 12:30

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 15:01	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 13:35	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 15:16	W1T	TAL SEA

Client Sample ID: MW-2_20190528

Lab Sample ID: 580-86515-2

Date Collected: 05/28/19 09:20

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 15:25	APR	TAL SEA
Total/NA	Analysis	8260C	RA	1	302241	06/03/19 15:47	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 14:05	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 15:36	W1T	TAL SEA

Client Sample ID: MW-14_20190528

Lab Sample ID: 580-86515-3

Date Collected: 05/28/19 12:55

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 15:49	APR	TAL SEA
Total/NA	Analysis	8260C	RA	1	302241	06/03/19 16:11	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 14:35	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 15:56	W1T	TAL SEA

Client Sample ID: MW-19_20190528

Lab Sample ID: 580-86515-4

Date Collected: 05/28/19 11:35

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 16:14	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	302254	06/04/19 04:44	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 15:05	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 16:37	W1T	TAL SEA

Client Sample ID: MW-20_20190528

Lab Sample ID: 580-86515-5

Date Collected: 05/28/19 10:05

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 16:39	APR	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: MW-20_20190528

Lab Sample ID: 580-86515-5

Date Collected: 05/28/19 10:05

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	302241	06/03/19 16:36	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 15:35	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 16:57	W1T	TAL SEA

Client Sample ID: MW-21_20190528

Lab Sample ID: 580-86515-6

Date Collected: 05/28/19 09:35

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 17:03	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	302254	06/04/19 05:08	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 16:05	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 17:17	W1T	TAL SEA

Client Sample ID: MW-35_20190528

Lab Sample ID: 580-86515-7

Date Collected: 05/28/19 11:15

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	302254	06/04/19 10:48	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx	DL	10	302392	06/05/19 14:00	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 17:37	W1T	TAL SEA

Client Sample ID: MW-39_20190528

Lab Sample ID: 580-86515-8

Date Collected: 05/28/19 10:25

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 17:00	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/05/19 21:29	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 17:57	W1T	TAL SEA

Client Sample ID: MW-41_20190528

Lab Sample ID: 580-86515-9

Date Collected: 05/29/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 18:16	APR	TAL SEA
Total/NA	Analysis	8260C	RA	1	302241	06/03/19 17:24	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 18:05	DCV	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: MW-41_20190528

Lab Sample ID: 580-86515-9

Date Collected: 05/29/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 18:17	W1T	TAL SEA

Client Sample ID: MW-43_20190529

Lab Sample ID: 580-86515-10

Date Collected: 05/29/19 10:15

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 17:49	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	302359	06/04/19 16:04	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 18:34	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 09:28	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 18:37	W1T	TAL SEA

Client Sample ID: MW-44_20190529

Lab Sample ID: 580-86515-11

Date Collected: 05/29/19 10:50

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 18:13	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	302359	06/04/19 16:29	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 19:04	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 19:38	CJ	TAL SEA

Client Sample ID: MW-45_20190528

Lab Sample ID: 580-86515-12

Date Collected: 05/28/19 10:45

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 20:17	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	302254	06/04/19 05:56	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 20:34	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 20:44	CJ	TAL SEA

Client Sample ID: MW-55_20190529

Lab Sample ID: 580-86515-13

Date Collected: 05/29/19 11:45

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302074	05/31/19 20:41	APR	TAL SEA
Total/NA	Analysis	8260C	RA	1	302254	06/04/19 06:45	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 21:04	DCV	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: MW-55_20190529

Lab Sample ID: 580-86515-13

Date Collected: 05/29/19 11:45

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 21:06	CJ	TAL SEA

Client Sample ID: MW-56_20190529

Lab Sample ID: 580-86515-14

Date Collected: 05/29/19 12:00

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL2	100	302359	06/04/19 17:42	APR	TAL SEA
Total/NA	Analysis	8260C	DL	10	302359	06/04/19 18:06	APR	TAL SEA
Total/NA	Analysis	8260C		1	302359	06/04/19 18:30	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx	DL	10	302392	06/05/19 14:30	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 21:28	CJ	TAL SEA

Client Sample ID: MW-57_20190529

Lab Sample ID: 580-86515-15

Date Collected: 05/29/19 12:20

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302359	06/04/19 19:43	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 22:34	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 22:13	CJ	TAL SEA

Client Sample ID: MW-58_20190529

Lab Sample ID: 580-86515-16

Date Collected: 05/29/19 12:35

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 19:26	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 23:04	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 22:35	CJ	TAL SEA

Client Sample ID: MW-59_20190529

Lab Sample ID: 580-86515-17

Date Collected: 05/29/19 12:50

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 19:50	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 23:34	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 22:57	CJ	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: MW-60_20190529

Lab Sample ID: 580-86515-18

Date Collected: 05/29/19 13:05

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 20:15	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/04/19 00:04	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 23:18	CJ	TAL SEA

Client Sample ID: MW-61_20190529

Lab Sample ID: 580-86515-19

Date Collected: 05/29/19 12:55

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 20:39	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/04/19 00:34	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/05/19 23:41	CJ	TAL SEA

Client Sample ID: MW-62_20190529

Lab Sample ID: 580-86515-20

Date Collected: 05/29/19 13:15

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 21:03	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/05/19 21:59	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/06/19 00:02	CJ	TAL SEA

Client Sample ID: MW-63_20190529

Lab Sample ID: 580-86515-21

Date Collected: 05/29/19 14:10

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 21:27	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/05/19 22:29	DCV	TAL SEA
Total/NA	Prep	3510C			302207	06/03/19 09:22	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302483	06/06/19 00:24	CJ	TAL SEA

Client Sample ID: MW-64_20190528

Lab Sample ID: 580-86515-22

Date Collected: 05/28/19 15:40

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302254	06/04/19 02:18	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302722	06/10/19 20:48	DCV	TAL SEA
Total/NA	Prep	3510C			302209	06/03/19 11:04	N1C	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302304	06/04/19 18:57	W1T	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: MW-66_20190528

Lab Sample ID: 580-86515-23

Date Collected: 05/28/19 11:50

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	302254	06/04/19 07:58	APR	TAL SEA
Total/NA	Analysis	8260C		1	302254	06/04/19 08:22	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/05/19 22:59	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 21:05	TL1	TAL SEA

Client Sample ID: MW-67_20190529

Lab Sample ID: 580-86515-24

Date Collected: 05/29/19 14:05

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	302254	06/04/19 08:46	APR	TAL SEA
Total/NA	Analysis	8260C		1	302254	06/04/19 09:10	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/05/19 23:29	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 21:25	TL1	TAL SEA

Client Sample ID: MW-68_20190529

Lab Sample ID: 580-86515-25

Date Collected: 05/29/19 13:50

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 21:52	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/05/19 23:59	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 21:45	TL1	TAL SEA

Client Sample ID: MW-69_20190529

Lab Sample ID: 580-86515-26

Date Collected: 05/29/19 13:30

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 22:16	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302392	06/06/19 00:29	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 22:06	TL1	TAL SEA

Client Sample ID: MW-70_20190529

Lab Sample ID: 580-86515-27

Date Collected: 05/29/19 12:25

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 22:40	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302722	06/10/19 23:17	DCV	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: MW-70_20190529

Lab Sample ID: 580-86515-27

Date Collected: 05/29/19 12:25

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 22:46	TL1	TAL SEA

Client Sample ID: MW-71_20190528

Lab Sample ID: 580-86515-28

Date Collected: 05/28/19 16:25

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 23:04	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302722	06/10/19 22:17	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 23:06	TL1	TAL SEA

Client Sample ID: AG-WELL_20190529

Lab Sample ID: 580-86515-29

Date Collected: 05/29/19 13:40

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302254	06/04/19 03:30	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302722	06/10/19 23:47	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 23:26	TL1	TAL SEA

Client Sample ID: Trip Blank-1_20190528

Lab Sample ID: 580-86515-30

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 14:34	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302216	06/03/19 13:05	DCV	TAL SEA

Client Sample ID: Trip Blank-2_20190528

Lab Sample ID: 580-86515-31

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 14:59	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302722	06/10/19 16:19	DCV	TAL SEA

Client Sample ID: Trip Blank-3_20190528

Lab Sample ID: 580-86515-32

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302241	06/03/19 15:23	APR	TAL SEA

Eurofins TestAmerica, Seattle

Lab Chronicle

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

Job ID: 580-86515-1

Client Sample ID: Trip Blank-3_20190528

Lab Sample ID: 580-86515-32

Date Collected: 05/28/19 00:01

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	302722	06/10/19 16:49	DCV	TAL SEA

Client Sample ID: Dup-1_20190528

Lab Sample ID: 580-86515-33

Date Collected: 05/28/19 06:00

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	302254	06/04/19 09:35	APR	TAL SEA
Total/NA	Analysis	8260C		1	302254	06/04/19 09:59	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302722	06/11/19 00:17	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/08/19 23:46	TL1	TAL SEA

Client Sample ID: Dup-2_20190528

Lab Sample ID: 580-86515-34

Date Collected: 05/28/19 06:30

Matrix: Water

Date Received: 05/30/19 16:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	302254	06/04/19 03:55	APR	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	302821	06/11/19 12:39	DCV	TAL SEA
Total/NA	Prep	3510C			302522	06/06/19 09:34	DCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	302638	06/09/19 00:07	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: 580-86515-1

Laboratory: Eurofins TestAmerica, Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	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: 580-86515-1

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: 580-86515-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
580-86515-1	C_20190528	Water	05/28/19 12:30	05/30/19 16:29	
580-86515-2	MW-2_20190528	Water	05/28/19 09:20	05/30/19 16:29	
580-86515-3	MW-14_20190528	Water	05/28/19 12:55	05/30/19 16:29	
580-86515-4	MW-19_20190528	Water	05/28/19 11:35	05/30/19 16:29	
580-86515-5	MW-20_20190528	Water	05/28/19 10:05	05/30/19 16:29	
580-86515-6	MW-21_20190528	Water	05/28/19 09:35	05/30/19 16:29	
580-86515-7	MW-35_20190528	Water	05/28/19 11:15	05/30/19 16:29	
580-86515-8	MW-39_20190528	Water	05/28/19 10:25	05/30/19 16:29	
580-86515-9	MW-41_20190528	Water	05/29/19 10:45	05/30/19 16:29	
580-86515-10	MW-43_20190529	Water	05/29/19 10:15	05/30/19 16:29	
580-86515-11	MW-44_20190529	Water	05/29/19 10:50	05/30/19 16:29	
580-86515-12	MW-45_20190528	Water	05/28/19 10:45	05/30/19 16:29	
580-86515-13	MW-55_20190529	Water	05/29/19 11:45	05/30/19 16:29	
580-86515-14	MW-56_20190529	Water	05/29/19 12:00	05/30/19 16:29	
580-86515-15	MW-57_20190529	Water	05/29/19 12:20	05/30/19 16:29	
580-86515-16	MW-58_20190529	Water	05/29/19 12:35	05/30/19 16:29	
580-86515-17	MW-59_20190529	Water	05/29/19 12:50	05/30/19 16:29	
580-86515-18	MW-60_20190529	Water	05/29/19 13:05	05/30/19 16:29	
580-86515-19	MW-61_20190529	Water	05/29/19 12:55	05/30/19 16:29	
580-86515-20	MW-62_20190529	Water	05/29/19 13:15	05/30/19 16:29	
580-86515-21	MW-63_20190529	Water	05/29/19 14:10	05/30/19 16:29	
580-86515-22	MW-64_20190528	Water	05/28/19 15:40	05/30/19 16:29	
580-86515-23	MW-66_20190528	Water	05/28/19 11:50	05/30/19 16:29	
580-86515-24	MW-67_20190529	Water	05/29/19 14:05	05/30/19 16:29	
580-86515-25	MW-68_20190529	Water	05/29/19 13:50	05/30/19 16:29	
580-86515-26	MW-69_20190529	Water	05/29/19 13:30	05/30/19 16:29	
580-86515-27	MW-70_20190529	Water	05/29/19 12:25	05/30/19 16:29	
580-86515-28	MW-71_20190528	Water	05/28/19 16:25	05/30/19 16:29	
580-86515-29	AG-WELL_20190529	Water	05/29/19 13:40	05/30/19 16:29	
580-86515-30	Trip Blank-1_20190528	Water	05/28/19 00:01	05/30/19 16:29	
580-86515-31	Trip Blank-2_20190528	Water	05/28/19 00:01	05/30/19 16:29	
580-86515-32	Trip Blank-3_20190528	Water	05/28/19 00:01	05/30/19 16:29	
580-86515-33	Dup-1_20190528	Water	05/28/19 06:00	05/30/19 16:29	
580-86515-34	Dup-2_20190528	Water	05/28/19 06:30	05/30/19 16:29	

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 1 of 6

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: 86515

[illegible]

BP LaMP Soil/H2O COC July 2018

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 2 of 6

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:

$$86.515$$
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BP LaMP Soil/H2O CQC July 2018



Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 3 of 6

BP Site Node Path: Olympic Pipeline Company
 BP/RM Facility No: Allen Station

Req Due Date (mm/dd/yy): Standard TAT Rush TAT Yes No X
 Lab Work Order Number: 86515

Lab Name: Test America				BP/ARC Facility Address: 15292 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 Accont: NA				Enfos Proposal No: WR329532/00BHW-0012				Phone: 425-498-7711 Email: <u>Megan.Richard@anteagroup.com</u>																					
Lab Bottle Order No: NA				Accounting Mode: Provision <u> X </u> OOC-BU <u> </u> OOC-RM <u> </u>				Send/Submit EDD to: <u>Megan.Richard@anteagroup.com</u>																					
Other Info: <u>elaine.walker@testamericainc.com</u>				Stage 1_Appraise (10) Activity Interim Measures (123)				Invoice To: BP-RM <u> </u> BP/ARC <u> X </u>																					
BP/RM PM: Wade Melton				Sample Details				Requested Analyses				Report Type & QC Level																	
PM Phone: 360-594-7978				<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></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></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										Limited (Standard) Package <u> Y </u>			
Field Matrix	Start Depth	End Depth	Depth Unit					Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Filt																	
PM Email: <u>wade.melton@bp.com</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	Pres	Filt	Comments																
-13	MW-55_2019 0529	5-29-19	1145	W				G		X	X	X																	
	MW-56_2019 0529	5-29-19	1200	W				G		X	X	X																	
-15	MW-57_2019 0529	5-29-19	1220	W				G		X	X	X																	
	MW-58_2019 0529	5-29-19	1235	W				G		X	X	X																	
-17	MW-59_2019 0529	5-29-19	1250	W				G		X	X	X																	
	MW-60_2019 0529	5-29-19	1305	W				G		X	X	X																	
-19	MW-61_2019 0529	5-29-19	1255	W				G		X	X	X																	
Sampler's Name: <u>BE/MB/TP</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time														
Sampler's Company: Antea Group				<u>Marissa Bernado / Antea</u>				<u>5/30/19</u>	<u>1315</u>	<u>ZZ / TASEA</u>				<u>5/30/14</u>	<u>1315</u>														
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: <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 4 of 6

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: 86515

Lab Name: Test America	BP/ARC Facility Address: 16292 Ovenelli 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 <u> </u> OOC-RM <u> </u>	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 <u> </u> BP/ARC <u>X</u>

BP/RM PM: Wade Melton				Sample Details						Requested Analyses												Report Type & QC Level																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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PM Phone: 360-594-7978				Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers													Limited Plus Package <u> </u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PM Email: <u>wade.melton@bp.com</u>																						Full Package <u> </u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Lab No.	Sample Description	Date	Time							Analysis	Flt	Pres																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Sampler's Name: <u>BE/MB/TP</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group	<u>Marissa Bernard / Antea</u>	<u>5-30-19</u>	<u>1315</u>	<u>TH/TPH</u>	<u>5/30/19</u>	<u>1315</u>
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

BP Site Node Path: Olympic Pipeline Company
BP/RM Facility No: Allen Station

Req Due Date (mm/dd/yy): Standard TAT

Lab Work Order Number: _____

Rush TAT Yes No X
86515

[illegible]

Laboratory Management Program (LaMP) Chain of Custody Record
Soil, Sediment and Groundwater Samples

Page 6 of 6

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: 86515

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 ___X___ 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 ___X___											
BP/RM PM: Wade Melton						Sample Details						Requested Analyses						Report Type & QC Level					
																		Limited (Standard) Package ___Y___					
PM Phone: 360-594-7978																		Limited Plus Package _____					
PM Email: wade.melton@bp.com																		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	BTEX	VOCs	S&W	Pesticides	Metals	Oil/Grease	Microbes	Comments					
-34	Dup_2_20190528	5-28-19	0630	W				G		X	X	X											
	Dup_3_2019			W				C		X	X	X						(BC)					
Sampler's Name: BE/MB/TP				Relinquished By / Affiliation						Date	Time	Accepted By / Affiliation				Date	Time						
Sampler's Company: Antea Group				Maissa Bernard/Antea						5-30-19	1315	Z Z / J F H - S E / A				5/30/19	1315						
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

2,7 8/5/12

Therm. ID: A2 Cor: 2.4 ° Inc: 3.1 °
Cooler Desc: 15 Bld FedEx: _____
Packing: 15 Bld UPS: _____
Cust. Seal: Yes X No _____ Lab Cour: X
Blue Ice: Yes Dry, None _____ Other: _____

Therm. ID: 415 Cor: 6.5 ° Inc: 6.6 °
Cooler Desc: 15 Rxl FedEx: _____
Packing: 15 Bld UPS: _____
Cust. Seal: Yes X No _____ Lab Cour: X
Blue Ice: Yes Dry, None _____ Other: _____

86515

Therm. ID: A2 Cor: 5.3 ° Inc: 5.7 °
Cooler Desc: 15 Bld FedEx: _____
Packing: 15 Bld UPS: _____
Cust. Seal: Yes X No _____ Lab Cour: X
Blue Ice: Yes Dry, None _____ Other: _____

Therm. ID: 125 Cor: 6.1 ° Inc: 6.2 °
Cooler Desc: 15 Bld FedEx: _____
Packing: 15 Bld UPS: _____
Cust. Seal: Yes X No _____ Lab Cour: X
Blue Ice: Yes Dry, None _____ Other: _____

Therm. ID: A2 Cor: 2.4 ° Inc: 3.3 °
Cooler Desc: 15 Bld FedEx: _____
Packing: 15 Bld UPS: _____
Cust. Seal: Yes X No _____ Lab Cour: X
Blue Ice: Yes Dry, None _____ Other: _____

Therm. ID: 125 Cor: 2.4 ° Inc: 5.43.46
Cooler Desc: 15 Bld FedEx: _____
Packing: 15 Bld UPS: _____
Cust. Seal: Yes X No _____ Lab Cour: X
Blue Ice: Yes Dry, None _____ Other: _____



Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

BP Site Node Path: Olympic Pipeline Company Standard TAT Req Due Date (mm/dd/yy): 5/30/14 Rush TAT Yes No X
BPRM Facility No: Allen Station Lab Work Order Number:

Page 1 of 6

Lab Name: <u>Test America</u>		BP/ARC Facility Address: <u>16292 Overell 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>WAALLAA181.10123</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>WR329532/00BHW-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>OOB-BU</u> <u>OOB-RM</u>		Send/Submit EDD to: <u>Megan.Richard@anteagroup.com</u>			
Other Info: <u>elaine.walker@testamericainc.com</u>		Stage <u>1</u> <u>Appraise (10)</u> <u>Activity</u> <u>Interim Measures (123)</u>		Invoice To: <u>BP-RM</u> <u>BP/ARC</u> <u>X</u>			
BP/RCM PM: <u>Wade Melton</u>							
PM Phone: <u>360-594-7978</u>							
PM Email: <u>wade.melton@bp.com</u>							
Lab No.		Sample Description		Date		Time	
-1		C-2019 0528		5-28-19		1330	
		MW-2-2019 0528		5-28-19		0920	
		MW-9-2019					
-3		MW-14-2019 0528		5-28-19		1355	
		MW-19-2019 0528		5-28-19		1135	
-5		MW-20-2019 0528		5-28-19		1005	
		MW-21-2019 0528		5-28-19		0935	
Sampler's Name: <u>BE/MB/TP</u>		Relinquished By / Affiliation		Date		Time	
Sampler's Company: <u>Antea Group</u>		<u>Melissa Bernard / Antea</u>		<u>5/30/14</u>		<u>1315</u>	
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: <u>F/C</u> Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No							

Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

AP Site Node Path:	Olympic Pipeline Company	Req Due Date (mm/dd/yy):	Standard TAT	Rush TAT Yes	No	X
AP Facility No:	Allen Station	Lab Work Order Number:	86515			

Page 3 of 6

	Rush TAT	Yes	No	X
1. Do you have a copy of the patient's chart?				
2. Do you have a copy of the patient's history?				
3. Do you have a copy of the patient's physical?				
4. Do you have a copy of the patient's lab work?				
5. Do you have a copy of the patient's imaging?				
6. Do you have a copy of the patient's treatment plan?				
7. Do you have a copy of the patient's discharge summary?				
8. Do you have a copy of the patient's consent form?				
9. Do you have a copy of the patient's insurance information?				
10. Do you have a copy of the patient's contact information?				
11. Do you have a copy of the patient's medical history?				
12. Do you have a copy of the patient's social history?				
13. Do you have a copy of the patient's family history?				
14. Do you have a copy of the patient's genetic test results?				
15. Do you have a copy of the patient's psychological evaluation?				
16. Do you have a copy of the patient's substance use history?				
17. Do you have a copy of the patient's mental health history?				
18. Do you have a copy of the patient's current medications?				
19. Do you have a copy of the patient's current allergies?				
20. Do you have a copy of the patient's current vital signs?				
21. Do you have a copy of the patient's current lab work?				
22. Do you have a copy of the patient's current imaging?				
23. Do you have a copy of the patient's current treatment plan?				
24. Do you have a copy of the patient's current discharge summary?				
25. Do you have a copy of the patient's current consent form?				
26. Do you have a copy of the patient's current insurance information?				
27. Do you have a copy of the patient's current contact information?				
28. Do you have a copy of the patient's current medical history?				
29. Do you have a copy of the patient's current social history?				
30. Do you have a copy of the patient's current family history?				
31. Do you have a copy of the patient's current genetic test results?				
32. Do you have a copy of the patient's current psychological evaluation?				
33. Do you have a copy of the patient's current substance use history?				
34. Do you have a copy of the patient's current mental health history?				
35. Do you have a copy of the patient's current current medications?				
36. Do you have a copy of the patient's current current allergies?				
37. Do you have a copy of the patient's current current vital signs?				
38. Do you have a copy of the patient's current current lab work?				
39. Do you have a copy of the patient's current current imaging?				
40. Do you have a copy of the patient's current current treatment plan?				
41. Do you have a copy of the patient's current current discharge summary?				
42. Do you have a copy of the patient's current current consent form?				
43. Do you have a copy of the patient's current current insurance information?				
44. Do you have a copy of the patient's current current contact information?				
45. Do you have a copy of the patient's current current medical history?				
46. Do you have a copy of the patient's current current social history?				
47. Do you have a copy of the patient's current current family history?				
48. Do you have a copy of the patient's current current genetic test results?				
49. Do you have a copy of the patient's current current psychological evaluation?				
50. Do you have a copy of the patient's current current substance use history?				
51. Do you have a copy of the patient's current current mental health history?				
52. Do you have a copy of the patient's current current current medications?				
53. Do you have a copy of the patient's current current current allergies?				
54. Do you have a copy of the patient's current current current vital signs?				
55. Do you have a copy of the patient's current current current lab work?				
56. Do you have a copy of the patient's current current current imaging?				
57. Do you have a copy of the patient's current current current treatment plan?				
58. Do you have a copy of the patient's current current current discharge summary?				
59. Do you have a copy of the patient's current current current consent form?				
60. Do you have a copy of the patient's current current current insurance information?				
61. Do you have a copy of the patient's current current current contact information?				
62. Do you have a copy of the patient's current current current medical history?				
63. Do you have a copy of the patient's current current current social history?				
64. Do you have a copy of the patient's current current current family history?				
65. Do you have a copy of the patient's current current current genetic test results?				
66. Do you have a copy of the patient's current current current psychological evaluation?				
67. Do you have a copy of the patient's current current current substance use history?				
68. Do you have a copy of the patient's current current current mental health history?				
69. Do you have a copy of the patient's current current current current medications?				
70. Do you have a copy of the patient's current current current current allergies?				
71. Do you have a copy of the patient's current current current current vital signs?				
72. Do you have a copy of the patient's current current current current lab work?				
73. Do you have a copy of the patient's current current current current imaging?				
74. Do you have a copy of the patient's current current current current treatment plan?				
75. Do you have a copy of the patient's current current current current discharge summary?				
76. Do you have a copy of the patient's current current current current consent form?				
77. Do you have a copy of the patient's current current current current insurance information?				
78. Do you have a copy of the patient's current current current current contact information?				
79. Do you have a copy of the patient's current current current current medical history?				
80. Do you have a copy of the patient's current current current current social history?				
81. Do you have a copy of the patient's current current current current family history?				
82. Do you have a copy of the patient's current current current current genetic test results?				
83. Do you have a copy of the patient's current current current current psychological evaluation?				

[illegible]

3P LaMP Soil/H2O COC July 2018

Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

BP Site Node Path:

BPP/RM Facility No:

Olympic Pipeline Company

Allen Station

Req Due Date (mm/dd/vv): Standard TAT

Lab Work Order Number:

	Rush TAT	Yes	No	X
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20575

Page 4 of 6

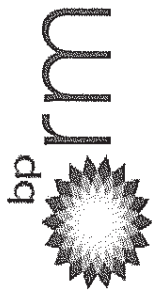
	Rush TAT	Yes	No	X
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20575

Lab Name: Test America	BP/ARC Facility Address: 15292 Overell 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: 253.248.4872	California Global ID No.: NA	Consultant/Contractor PM: Megan Richard														
Lab Shipping Acct: NA	Enfos Proposal No: WR225532/00BHW-0012	Phone: 425-498-7711 Email: Megan.Richard@anteagroup.com														
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) Activity Interim Measures (123)	Invoice To: BP-RM BP/ARC X														
BP/RM PM: Wade Melton	Sample Details	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	Field Matrix	Start Depth	End Depth	Depth Unit	Grab (G) or Composite (C)	Total Number of Containers	Analysis	Pres	Tilt	Requested Analyses	Accepted By / Affiliation	Date	Time
-21	MW-62_2019 0529	5-29-19	1315	W				G		X X X						
	MW-63_2019 0529	5-29-19	1410	W				G		X X X						
	MW-64_2019 0529	5-29-19	1540	W				G		X X X					MS/MSD	
-23	MW-66_2019 0528	5-28-19	1150	W				G		X X X						
	MW-67_2019 0529	5-29-19	1405	W				G		X X X						
-25	MW-68_2019 0529	5-29-19	1350	W				G		X X X						
	MW-69_2019 0529	5-29-19	1330	W				G		X X X						
Sampler's Name: BE/MB/TP	Sampler's Company: Antea Group	Ship Date:	Ship Method:	Ship Tracking No:	Special Instructions:	THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No	Temp Blank: Yes / No	°C	Trip Blank: Yes / No	MS/MSD Sample Submitted: Yes / No						

3BP LaMP Soil/H2O COC July 2018

Proprietary and Confidential
Property of BP and its Affiliates



Laboratory Management Program (LaMP) Chain of Custody Record

Soil, Sediment and Groundwater Samples

Page 5 of 6

Req Due Date (mm/dd/yyyy): Standard TAT Rush TAT Yes No X

Lab Work Order Number: 86515

BP Site Node Path: Olympic Pipeline Company

BP/IRM Facility No: Allen Station

Lab Name: Test America
Lab Address: Tacoma, WA
Lab PM: Elaine Walker
Lab Phone: 253.248.4972
Lab Shipping Acct: NA
Lab Bottle Order No: NA
Other Info: elaine.walker@testamericainc.com
BP/IRM PM: Wade Melton

BP/ARC Facility Address: 16232 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 OOC-BU OOC-RM
Stage 1 Appraise (10) Activity Interim Measures (123)

Consultant/Contractor: Antea Group
Consultant/Contractor Project No: WAALLAA181.10123
Address: 4006 148th Ave NE, Redmond, WA 98052
Consultant/Contractor PM: Megan Richard
Phone: 425-498-7711 Email: Megan.Richard@anteagroup.com
Send/Submit EDD to: Megan.Richard@anteagroup.com
Invoice To: BP-IRM BP/ARC X

Sample Details				Requested Analyses										Report Type & QC Level	
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	Th	Time	Limited (Standard) Package	Full Package
-27	MW-70_20190529	5-29-19	1235	W				G		NWTPH-DX	X	X			
	MW-71_20190528	5-28-19	1635	W				G		NWTPH-GX	X	X			
-29	AG-Well_20190529	5-29-19	1340	W				G		2260BTEX	X	X			
	Trip Blank-1	5-28-19	0000	W				G			X	X			
-31	Trip Blank-2	5-28-19	0000	W				G			X	X			
	Trip Blank-3	5-28-19	0000	W				G			X	X			
-33	Dup-1_20190528	5-28-19	0600	W				G			X	X			
Sampler's Name: BE/MB/TP				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time
Sampler's Company: Antea Group				Marissa Bernab/ Antea				5-30-19	1315	Z Z ITA-SEA				5/30/19	1315
Ship Method:															
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 MSMSD Sample Submitted: Yes / No

Login Sample Receipt Checklist

Client: Antea USA Inc.

Job Number: 580-86515-1

Login Number: 86515

List Number: 1

Creator: Blankinship, Tom X

List Source: Eurofins TestAmerica, Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	custody seals present.
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	One cooler was received slightly out of temp.
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.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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.: 580-86515-1

SDG No.: _____

Batch Number: 302074 Batch Start Date: 05/31/19 10:09 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 00036	
LCS 580-302074/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-302074/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-302074/7		8260C		5 mL	5 mL		2 uL		
580-86515-A-1	C_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-2	MW-2_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-3	MW-14_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-4	MW-19_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-5	MW-20_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-6	MW-21_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-9	MW-41_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-12	MW-45_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-A-13	MW-55_20190529	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.: 580-86515-1

SDG No.: _____

Batch Number: 302241 Batch Start Date: 06/03/19 12:03 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 00038	
LCS 580-302241/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-302241/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-302241/7		8260C		5 mL	5 mL		2 uL		
580-86515-C-30	Trip Blank-1	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-31	Trip Blank-2	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-32	Trip Blank-3	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-2	MW-2_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-3	MW-14_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-5	MW-20_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-8	MW-39_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-9	MW-41_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-10	MW-43_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-11	MW-44_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-11 MS	MW-44_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-86515-D-11 MSD	MW-44_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-86515-C-16	MW-58_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-17	MW-59_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-18	MW-60_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-19	MW-61_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-20	MW-62_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-21	MW-63_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-25	MW-68_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-26	MW-69_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-27	MW-70_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-28	MW-71_20190528	8260C	T	5 mL	5 mL	<2 SU	2 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, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302241 Batch Start Date: 06/03/19 12:03 Batch Analyst: Ruslander, Amanda PBatch 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

Page 2 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302254 Batch Start Date: 06/04/19 00:17 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 00038	
LCS 580-302254/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-302254/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-302254/7		8260C		5 mL	5 mL		2 uL		
580-86515-C-22	MW-64_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-22 MS	MW-64_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-86515-D-22 MSD	MW-64_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-86515-C-29	AG-WELL_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-34	Dup-2_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-4	MW-19_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-6	MW-21_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-12	MW-45_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-B-13	MW-55_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-23	MW-66_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-23	MW-66_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-24	MW-67_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-24	MW-67_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-33	Dup-1_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-33	Dup-1_20190528	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-7	MW-35_20190528	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.: 580-86515-1

SDG No.: _____

Batch Number: 302359 Batch Start Date: 06/04/19 12:49 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 00038	
LCS 580-302359/4		8260C		5 mL	5 mL		2 uL	10 uL	
LCSD 580-302359/5		8260C		5 mL	5 mL		2 uL	10 uL	
MB 580-302359/7		8260C		5 mL	5 mL		2 uL		
580-86515-D-10	MW-43_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-11	MW-44_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-11 MS	MW-44_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-86515-E-11 MSD	MW-44_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL	8.6 uL	
580-86515-C-14	MW-56_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-C-14	MW-56_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-14	MW-56_20190529	8260C	T	5 mL	5 mL	<2 SU	2 uL		
580-86515-D-15	MW-57_20190529	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 VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302216 Batch Start Date: 06/03/19 10:04 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/04/19 11:24

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00031	GRO_LCS 00052	TFT Spike 00036
MB 580-302216/5		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
LCS 580-302216/6		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
LCSD 580-302216/7		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
580-86515-B-30	Trip Blank-1	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-1	C_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-2	MW-2_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-3	MW-14_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-4	MW-19_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-5	MW-20_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-6	MW-21_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-9	MW-41_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-10	MW-43_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-11	MW-44_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-11 MS	MW-44_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
580-86515-C-11 MSD	MW-44_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
580-86515-B-12	MW-45_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-C-13	MW-55_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-15	MW-57_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-16	MW-58_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-17	MW-59_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-18	MW-60_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-19	MW-61_20190529	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 00034					
MB 580-302216/5		NWTPH-Gx							
LCS 580-302216/6		NWTPH-Gx		1250 uL					
LCSD 580-302216/7		NWTPH-Gx		1250 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-Gx

Page 1 of 2

GC VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302216 Batch Start Date: 06/03/19 10:04 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/04/19 11:24

Lab Sample ID	Client Sample ID	Method Chain	Basis	V2.4TFT-EX 00034					
580-86515-B-30	Trip Blank-1	NWTPH-Gx	T						
580-86515-B-1	C_20190528	NWTPH-Gx	T						
580-86515-B-2	MW-2_20190528	NWTPH-Gx	T						
580-86515-B-3	MW-14_20190528	NWTPH-Gx	T						
580-86515-B-4	MW-19_20190528	NWTPH-Gx	T						
580-86515-B-5	MW-20_20190528	NWTPH-Gx	T						
580-86515-B-6	MW-21_20190528	NWTPH-Gx	T						
580-86515-B-9	MW-41_20190528	NWTPH-Gx	T						
580-86515-B-10	MW-43_20190529	NWTPH-Gx	T						
580-86515-B-11	MW-44_20190529	NWTPH-Gx	T						
580-86515-B-11 MS	MW-44_20190529	NWTPH-Gx	T						
580-86515-C-11 MSD	MW-44_20190529	NWTPH-Gx	T						
580-86515-B-12	MW-45_20190528	NWTPH-Gx	T						
580-86515-C-13	MW-55_20190529	NWTPH-Gx	T						
580-86515-B-15	MW-57_20190529	NWTPH-Gx	T						
580-86515-B-16	MW-58_20190529	NWTPH-Gx	T						
580-86515-B-17	MW-59_20190529	NWTPH-Gx	T						
580-86515-B-18	MW-60_20190529	NWTPH-Gx	T						
580-86515-B-19	MW-61_20190529	NWTPH-Gx	T						

Batch Notes

pH Indicator ID	LOT#6901002
Pipette/Syringe/Dispenser ID	B25X, B50G, B2500C
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.: 580-86515-1

SDG No.: _____

Batch Number: 302392 Batch Start Date: 06/05/19 08:50 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/06/19 13:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00031	GRO_LCS 00052	TFT Spike 00036
LCS 580-302392/6		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
LCSD 580-302392/7		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
MB 580-302392/9		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
580-86515-D-7	MW-35_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-E-14	MW-56_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-D-8	MW-39_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-20	MW-62_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-21	MW-63_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-23	MW-66_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-24	MW-67_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-25	MW-68_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-26	MW-69_20190529	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 00034					
LCS 580-302392/6		NWTPH-Gx		1250 uL					
LCSD 580-302392/7		NWTPH-Gx		1250 uL					
MB 580-302392/9		NWTPH-Gx							
580-86515-D-7	MW-35_20190528	NWTPH-Gx	T						
580-86515-E-14	MW-56_20190529	NWTPH-Gx	T						
580-86515-D-8	MW-39_20190528	NWTPH-Gx	T						
580-86515-B-20	MW-62_20190529	NWTPH-Gx	T						
580-86515-B-21	MW-63_20190529	NWTPH-Gx	T						
580-86515-B-23	MW-66_20190528	NWTPH-Gx	T						
580-86515-B-24	MW-67_20190529	NWTPH-Gx	T						
580-86515-B-25	MW-68_20190529	NWTPH-Gx	T						
580-86515-B-26	MW-69_20190529	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.: 580-86515-1

SDG No.: _____

Batch Number: 302392 Batch Start Date: 06/05/19 08:50 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/06/19 13:40

Batch Notes	
pH Indicator ID	LOT#6901002 ph 0.0-6.0
Pipette/Syringe/Dispenser ID	B25Y, B50G, B2500X
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.: 580-86515-1

SDG No.: _____

Batch Number: 302722 Batch Start Date: 06/10/19 10:27 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/11/19 10:27

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00031	GRO_LCS 00052	TFT Spike 00036
MB 580-302722/5		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
LCS 580-302722/6		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
LCSD 580-302722/7		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
580-86515-B-31	Trip Blank-2	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-32	Trip Blank-3	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-22	MW-64_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-22	MW-64_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
MS 580-86515-B-22	MW-64_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL	21.5 uL	10.75 uL
MSD 580-86515-D-28	MW-71_20190528	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-D-27	MW-70_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-29	AG-WELL_20190529	NWTPH-Gx	T	5 mL	5 mL	<2.0 SU	1 uL		10.75 uL
580-86515-B-33	Dup-1_20190528	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 00035					
MB 580-302722/5		NWTPH-Gx							
LCS 580-302722/6		NWTPH-Gx		1250 uL					
LCSD 580-302722/7		NWTPH-Gx		1250 uL					
580-86515-B-31	Trip Blank-2	NWTPH-Gx	T						
580-86515-B-32	Trip Blank-3	NWTPH-Gx	T						
580-86515-B-22	MW-64_20190528	NWTPH-Gx	T						
580-86515-B-22	MW-64_20190528	NWTPH-Gx	T						
MS 580-86515-B-22	MW-64_20190528	NWTPH-Gx	T						
MSD 580-86515-D-28	MW-71_20190528	NWTPH-Gx	T						
580-86515-D-27	MW-70_20190529	NWTPH-Gx	T						
580-86515-B-29	AG-WELL_20190529	NWTPH-Gx	T						
580-86515-B-33	Dup-1_20190528	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.: 580-86515-1

SDG No.: _____

Batch Number: 302722 Batch Start Date: 06/10/19 10:27 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/11/19 10:27

Batch Notes	
pH Indicator ID	ph 0.0-6.0 LOT#6901002
Pipette/Syringe/Dispenser ID	B25X,B50G,C2500C
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.: 580-86515-1

SDG No.: _____

Batch Number: 302821 Batch Start Date: 06/11/19 09:11 Batch Analyst: Vaughan, Dmitra CBatch Method: NWTPH-Gx Batch End Date: 06/12/19 09:04

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	BFBGRO ARCHON 00031	GRO_LCS 00052	TFT Spike 00036
MB 580-302821/5		NWTPH-Gx		5 mL	5 mL		1 uL		10.75 uL
LCS 580-302821/6		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
LCSD 580-302821/7		NWTPH-Gx		5 mL	5 mL		1 uL	25 uL	
580-86515-D-34	Dup-2_20190528	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 00035					
MB 580-302821/5		NWTPH-Gx							
LCS 580-302821/6		NWTPH-Gx		1250 uL					
LCSD 580-302821/7		NWTPH-Gx		1250 uL					
580-86515-D-34	Dup-2_20190528	NWTPH-Gx	T						

Batch Notes	
pH Indicator ID	ph0.0-6.0 LOT#6901002
Pipette/Syringe/Dispenser ID	B25Y, B50K, C2500C
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 1 of 1

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302207 Batch Start Date: 06/03/19 09:20 Batch Analyst: Coy, Nickolas DBatch Method: 3510C Batch End Date: 06/03/19 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-302207/1		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCS 580-302207/2		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
LCSD 580-302207/3		3510C, NWTPH-Dx				250 mL	1.0 mL	No	7.0 SU
580-86515-H-11	MW-44_20190529	3510C, NWTPH-Dx	T	00432.69 g	00182.11 g	250.6 mL	1.0 mL	No	2.0 SU
580-86515-G-11 MS	MW-44_20190529	3510C, NWTPH-Dx	T	00434.27 g	00183.17 g	251.1 mL	1.0 mL	No	2.0 SU
580-86515-G-11 MSD	MW-44_20190529	3510C, NWTPH-Dx	T	00433.69 g	00182.49 g	251.2 mL	1.0 mL	No	2.0 SU
580-86515-G-12	MW-45_20190528	3510C, NWTPH-Dx	T	00432.95 g	00182.95 g	250 mL	1.0 mL	No	2.0 SU
580-86515-H-13	MW-55_20190529	3510C, NWTPH-Dx	T	00432.73 g	00183.44 g	249.3 mL	1.0 mL	No	2.0 SU
580-86515-G-14	MW-56_20190529	3510C, NWTPH-Dx	T	00432.20 g	00183.24 g	249 mL	1.0 mL	No	2.0 SU
580-86515-H-15	MW-57_20190529	3510C, NWTPH-Dx	T	00433.33 g	00184.12 g	249.2 mL	1.0 mL	No	2.0 SU
580-86515-H-16	MW-58_20190529	3510C, NWTPH-Dx	T	00433.46 g	00183.48 g	250 mL	1.0 mL	No	2.0 SU
580-86515-H-17	MW-59_20190529	3510C, NWTPH-Dx	T	00432.86 g	00182.59 g	250.3 mL	1.0 mL	No	2.0 SU
580-86515-G-18	MW-60_20190529	3510C, NWTPH-Dx	T	00431.81 g	00182.63 g	249.2 mL	1.0 mL	No	2.0 SU
580-86515-H-19	MW-61_20190529	3510C, NWTPH-Dx	T	00430.15 g	00183.41 g	246.7 mL	1.0 mL	No	2.0 SU
580-86515-G-20	MW-62_20190529	3510C, NWTPH-Dx	T	00430.23 g	00183.05 g	247.2 mL	1.0 mL	No	2.0 SU
580-86515-G-21	MW-63_20190529	3510C, NWTPH-Dx	T	00431.15 g	00182.88 g	248.3 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 _00047		
MB 580-302207/1		3510C, NWTPH-Dx		2.0 SU	N/A SU		100 uL		
LCS 580-302207/2		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	100 uL		
LCSD 580-302207/3		3510C, NWTPH-Dx		2.0 SU	N/A SU	100 uL	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.: 580-86515-1

SDG No.: _____

Batch Number: 302207 Batch Start Date: 06/03/19 09:20 Batch Analyst: Coy, Nickolas DBatch Method: 3510C Batch End Date: 06/03/19 17:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00022	TPH_WaterSurr 00047		
580-86515-H-11	MW-44_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-G-11 MS	MW-44_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU	100 uL	100 uL		
580-86515-G-11 MSD	MW-44_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU	100 uL	100 uL		
580-86515-G-12	MW-45_20190528	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-H-13	MW-55_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-G-14	MW-56_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-H-15	MW-57_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-H-16	MW-58_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-H-17	MW-59_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-G-18	MW-60_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-H-19	MW-61_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-G-20	MW-62_20190529	3510C, NWTPH-Dx	T	N/A SU	N/A SU		100 uL		
580-86515-G-21	MW-63_20190529	3510C, NWTPH-Dx	T	N/A 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.: 580-86515-1

SDG No.: _____

Batch Number: 302207 Batch Start Date: 06/03/19 09:20 Batch Analyst: Coy, Nickolas DBatch Method: 3510C Batch End Date: 06/03/19 17:00

Batch Notes	
Acid Used for pH Adjustment ID	2392177
Batch Comment	viald by: JCM
Analyst ID - Concentration	JCM
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	NDC
Filter ID	2163164
Method/Fraction	3510C/ NWTPH_Dx/ NWTPH_HCID
Na2SO4 ID	2378786
pH Indicator ID	6901002 pH 0.0-6.0/6807002 pH 4.0-10.0
Pipette/Syringe/Dispenser ID	MP2
Prep Solvent ID	DCM 2396701
Prep Solvent Volume Used	80 mL
Residual Chlorine Indicator ID	fisher cat#14-860
Analyst ID - Spike Analyst	NDC
Analyst ID - Spike Witness Analyst	JCM
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	661200
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	ambient Degrees C
Vial Lot Number	18205373

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

Page 3 of 3

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302209Batch Start Date: 06/03/19 09:28Batch Analyst: Coy, Nickolas DBatch Method: 3510CBatch End Date: 07/03/19 14:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ResidualChloChe ck	ReceivedpH
MB 580-302209/1		3510C, NWTPH-Dx				250 mL	1.0 mL	N o	7.0 SU
LCS 580-302209/2		3510C, NWTPH-Dx				250 mL	1.0 mL	N o	7.0 SU
LCSD 580-302209/3		3510C, NWTPH-Dx				250 mL	1.0 mL	N o	7.0 SU
580-86515-G-1	C_20190528	3510C, NWTPH-Dx	T	00431.95 g	00182.18 g	249.8 mL	1.0 mL	N o	2.0 SU
580-86515-H-2	MW-2_20190528	3510C, NWTPH-Dx	T	00434.42 g	00183.15 g	251.3 mL	1.0 mL	N o	2.0 SU
580-86515-G-3	MW-14_20190528	3510C, NWTPH-Dx	T	00433.21 g	00183.06 g	250.2 mL	1.0 mL	N o	2.0 SU
580-86515-G-4	MW-19_20190528	3510C, NWTPH-Dx	T	00432.76 g	00183.54 g	249.2 mL	1.0 mL	N o	2.0 SU
580-86515-G-5	MW-20_20190528	3510C, NWTPH-Dx	T	00433.58 g	00182.99 g	250.6 mL	1.0 mL	N o	2.0 SU
580-86515-G-6	MW-21_20190528	3510C, NWTPH-Dx	T	00434.13 g	00183.13 g	251 mL	1.0 mL	N o	2.0 SU
580-86515-G-7	MW-35_20190528	3510C, NWTPH-Dx	T	00433.51 g	00182.93 g	250.6 mL	1.0 mL	N o	2.0 SU
580-86515-G-8	MW-39_20190528	3510C, NWTPH-Dx	T	00434.17 g	00183.02 g	251.2 mL	1.0 mL	N o	2.0 SU
580-86515-H-9	MW-41_20190528	3510C, NWTPH-Dx	T	00433.08 g	00183.24 g	249.8 mL	1.0 mL	N o	2.0 SU
580-86515-G-10	MW-43_20190529	3510C, NWTPH-Dx	T	00433.50 g	00182.86 g	250.6 mL	1.0 mL	N o	2.0 SU
580-86515-G-22	MW-64_20190528	3510C, NWTPH-Dx	T	00433.36 g	00182.79 g	250.6 mL	1.0 mL	N o	2.0 SU
580-86515-G-22 MS	MW-64_20190528	3510C, NWTPH-Dx	T	00432.59 g	00183.07 g	249.5 mL	1.0 mL	N o	2.0 SU
580-86515-G-22 MSD	MW-64_20190528	3510C, NWTPH-Dx	T	00432.64 g	00182.39 g	250.3 mL	1.0 mL	N o	2.0 SU

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk _00022	TPH_WaterSurr _00047		
MB 580-302209/1		3510C, NWTPH-Dx		2.0 SU	N /A SU		100 uL		
LCS 580-302209/2		3510C, NWTPH-Dx		2.0 SU	N /A SU	100 uL	100 uL		
LCSD 580-302209/3		3510C, NWTPH-Dx		2.0 SU	N /A SU	100 uL	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.: 580-86515-1

SDG No.: _____

Batch Number: 302209 Batch Start Date: 06/03/19 09:28 Batch Analyst: Coy, Nickolas DBatch Method: 3510C Batch End Date: 07/03/19 14:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	FirstAdjustpH	SecondAdjustpH	TPH_Water_Spk 00022	TPH_WaterSurr 00047		
580-86515-G-1	C_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-H-2	MW-2_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-3	MW-14_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-4	MW-19_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-5	MW-20_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-6	MW-21_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-7	MW-35_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-8	MW-39_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-H-9	MW-41_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-10	MW-43_20190529	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-22	MW-64_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU		100 uL		
580-86515-G-22 MS	MW-64_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU	100 uL	100 uL		
580-86515-G-22 MSD	MW-64_20190528	3510C, NWTPH-Dx	T	N/A SU	N /A SU	100 uL	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.: 580-86515-1

SDG No.: _____

Batch Number: 302209 Batch Start Date: 06/03/19 09:28 Batch Analyst: Coy, Nickolas DBatch Method: 3510C Batch End Date: 07/03/19 14:20

Batch Notes	
Acid Used for pH Adjustment ID	2320543
Batch Comment	Vialed by: NC
Analyst ID - Concentration	DCV
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	NC/DCV
Filter ID	2163164
Method/Fraction	3510C/ NWTPH_Dx/ NWTPH_HCID
Na2SO4 ID	2378786
pH Indicator ID	6901002 pH 0.0-6.0/6807002 pH 4.0-10.0
Pipette/Syringe/Dispenser ID	MP2
Prep Solvent ID	2396701
Prep Solvent Volume Used	150 mL
Residual Chlorine Indicator ID	fisher cat#14-860
Analyst ID - Spike Analyst	NC
Sufficient Volume for Batch QC	MB, LCS, LCSD
Thermometer ID - Concentration 1	661200
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	ambient Degrees C
Vial Lot Number	18205373

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

Page 3 of 3

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Seattle Job No.: 580-86515-1

SDG No.: _____

Batch Number: 302522 Batch Start Date: 06/06/19 09:33 Batch Analyst: Vaughan, Dmitra CBatch Method: 3510C Batch End Date: 06/06/19 18:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH
MB 580-302522/1		3510C, NWTPH-Dx				250 mL	1 mL	7.0 SU	2.0 SU
LCS 580-302522/2		3510C, NWTPH-Dx				250 mL	1 mL	7.0 SU	2.0 SU
LCSD 580-302522/3		3510C, NWTPH-Dx				250 mL	1 mL	7.0 SU	2.0 SU
580-86515-H-23	MW-66_20190528	3510C, NWTPH-Dx	T	00433.21 g	00183.15 g	250.1 mL	1 mL	2.0 SU	
580-86515-G-24	MW-67_20190529	3510C, NWTPH-Dx	T	00433.48 g	00182.50 g	251 mL	1 mL	2.0 SU	
580-86515-G-25	MW-68_20190529	3510C, NWTPH-Dx	T	00431.39 g	00183.29 g	248.1 mL	1 mL	2.0 SU	
580-86515-H-26	MW-69_20190529	3510C, NWTPH-Dx	T	00433.28 g	00182.78 g	250.5 mL	1 mL	2.0 SU	
580-86515-H-27	MW-70_20190529	3510C, NWTPH-Dx	T	00429.97 g	00182.93 g	247 mL	1 mL	2.0 SU	
580-86515-G-28	MW-71_20190528	3510C, NWTPH-Dx	T	00432.75 g	00182.45 g	250.3 mL	1 mL	2.0 SU	
580-86515-H-29	AG-WELL_20190529	3510C, NWTPH-Dx	T	00432.98 g	00183.15 g	249.8 mL	1 mL	2.0 SU	
580-86515-H-33	Dup-1_20190528	3510C, NWTPH-Dx	T	00433.93 g	00183.31 g	250.6 mL	1 mL	2.0 SU	
580-86515-H-34	Dup-2_20190528	3510C, NWTPH-Dx	T	00432.84 g	00182.20 g	250.6 mL	1 mL	2.0 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	TPH_Water_Spk 00022	TPH_WaterSurr 00047	AnalysisComment			
MB 580-302522/1		3510C, NWTPH-Dx			100 uL				
LCS 580-302522/2		3510C, NWTPH-Dx		100 uL	100 uL				
LCSD 580-302522/3		3510C, NWTPH-Dx		100 uL	100 uL				
580-86515-H-23	MW-66_20190528	3510C, NWTPH-Dx	T		100 uL				
580-86515-G-24	MW-67_20190529	3510C, NWTPH-Dx	T		100 uL				
580-86515-G-25	MW-68_20190529	3510C, NWTPH-Dx	T		100 uL				
580-86515-H-26	MW-69_20190529	3510C, NWTPH-Dx	T		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.: 580-86515-1

SDG No.: _____

Batch Number: 302522 Batch Start Date: 06/06/19 09:33 Batch Analyst: Vaughan, Dmitra CBatch Method: 3510C Batch End Date: 06/06/19 18:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	TPH_Water_Spk 00022	TPH_WaterSurr 00047	AnalysisComment			
580-86515-H-27	MW-70_20190529	3510C, NWTPH-Dx	T		100 uL				
580-86515-G-28	MW-71_20190528	3510C, NWTPH-Dx	T		100 uL				
580-86515-H-29	AG-WELL_20190529	3510C, NWTPH-Dx	T		100 uL	double sur?			
580-86515-H-33	Dup-1_20190528	3510C, NWTPH-Dx	T		100 uL	double sur?			
580-86515-H-34	Dup-2_20190528	3510C, NWTPH-Dx	T		100 uL	double sur?See NCM smells like gas/fuel			

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.: 580-86515-1

SDG No.: _____

Batch Number: 302522 Batch Start Date: 06/06/19 09:33 Batch Analyst: Vaughan, Dmitra CBatch Method: 3510C Batch End Date: 06/06/19 18:13

Batch Notes	
Acid Used for pH Adjustment ID	2392177
Batch Comment	Vialed by: DCV
Analyst ID - Concentration	DCV
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 1
Analyst ID - Extraction	DCV
Filter ID	2163164
Method/Fraction	3510C/ NWTPH_Dx/ NWTPH_HCID
Na2SO4 ID	2368662
pH Indicator ID	6901002 pH 0.0-6.0/6807002 pH 4.0-10.0
Pipette/Syringe/Dispenser ID	MP2
Prep Solvent ID	2396701 DCM
Prep Solvent Volume Used	80 mL
Residual Chlorine Indicator ID	fisher cat#14-860
Analyst ID - Spike Analyst	DCV
Sufficient Volume for Batch QC	MB, LCS, LCSD, MS
Thermometer ID - Concentration 1	661200
Concentration 1 Uncorrected Temperature	70-75 Degrees C
Concentration 2 Uncorrected Temperature	ambient Degrees C
Vial Lot Number	18205373

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

Page 3 of 3