



Remediation Management Services Company

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October 22, 2018

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 2018, 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', is shown on a light blue background.

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

cc: Mr. RC Strain, OPLC, Renton, WA (Electronic Copy)
Ms. Polly Dubbel, Skagit County Health Department, Mount Vernon, WA (Hardcopy, Electronic Copy)
Mr. Michael Nemnich, Mount Vernon, WA (Hardcopy)
File, Antea Group

SEMI-ANNUAL STATUS REPORT

First Half of 2018

OPLC Allen Pump Station

16292 Ovenell Road, Mount Vernon, Washington

Antea[®] Group Project No. WAALLAA181

October 22, 2018

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

Prepared by:

Antea Group

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Redmond, WA 98052
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REPORTING PERIOD: January – June 2018
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: RC Strain, (281) 896-6470
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 10 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 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 Ecology Model Toxics Control Act (MTCA) as an Independent Cleanup Action outside the Voluntary Cleanup Program (VCP).

2.0 WORK PERFORMED DURING THE REPORTING PERIOD

- On February 27 through 28, 2018, quarterly groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells C, MW-2, MW-9, MW-14, MW-19, MW-20, MW-21, MW-35, MW-39, MW-41, MW-43, MW-44, MW-45, MW-54, MW-55, MW-56, MW-61 through MW-64, MW-66 through MW-71, and AG Well. Due to standing water, samples could not be collected from wells MW-57 through MW-60.
- On June 12 through 13, 2018, quarterly groundwater monitoring and sampling was conducted. Groundwater samples were collected from monitoring wells C, MW-2, MW-9, MW-14, MW-19, MW-20, MW-21, MW-39, MW-41, MW-43, MW-44, MW-45, MW-55 through MW-64, MW-66, through MW-71, and AG Well.

3.0 SYSTEM CONFIGURATION

- Not applicable.

4.0 PROJECT STATUS

- Quarterly groundwater sampling of monitoring wells C, MW-2, MW-9, MW-14, MW-19, MW-20, MW-21, MW-35, MW-39, MW-41, MW-43, MW-44, MW-45, MW-54 through MW-64, MW-66 through MW-71, MW-71, and AG Well.
- Passive LNAPL recovery as needed, and;
- Semi-annual reporting.

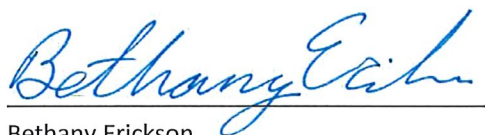
5.0 DATA REVIEW AND RECOMMENDATIONS

- During the first half of 2018 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-43 through MW-45, MW-56 through MW-59, MW-64, MW-66, MW-67
- During the first half of 2018 reporting period, hydrocarbon concentrations in MW-9, MW-20, MW-41, MW-54, MW-55, MW-60 through MW-63, MW-68 through MW-71 and the AG Well were not detected in excess of MTCA Method A Cleanup Levels.
- Measurable LNAPL was observed in wells MW-28, MW-34, MW-36, and MW-53 at some point during the first half of 2018 reporting period. A passive skimmer is currently deployed in well MW-34. An absorbent sock is currently deployed in 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, Expanded Site Map, are included on Figures 1 and 2. Groundwater Analytical Data Maps are included on Figures 3A, 3B, 4A, and 4B. Potentiometric Surface Maps are presented on Figures 3C 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:



Bethany Erickson
Staff Professional

Date: October 22, 2018

Reviewed by:



Megan Richard, LG
Project Manager



MEGAN RICHARD

Date: October 22, 2018

cc: Mr. RC Strain, OPLC, Renton, WA (Electronic Copy)
Ms. Donna Musa, Department of Ecology, Northwest Regional Office (Hardcopy, Electronic Copy)
Ms. Polly Dubbel, Skagit County Health Department, Mount Vernon, WA (Hardcopy)
Mr. Michael Nemnich, Mount Vernon, WA (Hardcopy)
Mr. Wade Melton, Remediation Management Services Company (Electronic Copy - RMO Upload)
File, Antea Group

Enclosures

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Table 2	Groundwater Analytical Data

Figures

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Figure 2	Expanded Site Map
Figure 3a	Groundwater Analytical Data Map - February 27-28, 2018
Figure 3b	Groundwater Analytical Data Map - February 27-28, 2018
Figure 3c	Potentiometric Surface Map - February 27, 2018
Figure 4a	Groundwater Analytical Data Map - June 12-13, 2018
Figure 4b	Groundwater Analytical Data Map - June 12-13, 2018
Figure 4c	Potentiometric Surface Map - June 12, 2018

Appendix

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

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	3/17/2010	101.40	6.51	NP	--	94.89	--
C	9/15/2010	101.40	8.89	NP	--	92.51	--
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	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
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	--
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	--

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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	--
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	--	--	--

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		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
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	--	--	--
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	--	--	--

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	8/3/2017	--	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	--	--	--
MW-1	6/23/1992	98.52	5.92	NP	--	92.60	--
MW-1	7/2/1992	98.52	5.41	NP	--	93.11	--
MW-1	8/17/1992	98.52	6.16	NP	--	92.36	--
MW-1	9/30/1992	98.52	9.23	NP	--	89.29	--
MW-1	10/30/1992	98.52	5.93	NP	--	92.59	--
MW-1	11/30/1992	98.52	1.76	NP	--	96.76	--
MW-1	4/16/1993	98.52	3.97	NP	--	94.55	--
MW-1	10/3/2000	98.52	6.81	NP	--	91.71	--
MW-1	2/28/2001	98.52	4.41	NP	--	94.11	--
MW-1	5/30/2001	98.52	4.85	NP	--	93.67	--
MW-1	8/22/2001	98.52	2.78	NP	--	95.74	--
MW-1	11/21/2001	98.52	3.55	NP	--	94.97	--
MW-1	2/20/2002	98.52	5.21	NP	--	93.31	--
MW-1	5/16/2002	98.52	4.31	NP	--	94.21	--
MW-1	8/2/2002	98.52	6.36	NP	--	92.16	--
MW-1	12/19/2002	98.52	5.28	NP	--	93.24	--
MW-1	5/19/2003	98.52	5.51	NP	--	93.01	--
MW-1	11/13/2003	98.52	3.81	NP	--	94.71	--
MW-1	6/4/2004	98.52	5.15	NP	--	93.37	--
MW-1	10/7/2004	98.52	5.74	NP	--	92.78	--
MW-1	4/28/2005	98.52	4.12	NP	--	94.40	--
MW-1	11/16/2005	98.52	3.00	NP	--	95.52	--
MW-1	6/13/2006	98.52	5.35	NP	--	93.17	--
MW-1	2/26/2007	98.52	1.72	NP	--	96.80	--
MW-1	5/9/2007	98.52	5.08	NP	--	93.44	--
MW-1	7/16/2007	98.52	6.54	NP	--	91.98	--
MW-1	8/22/2007	98.52	7.01	NP	--	91.51	--
MW-1	9/25/2007	98.52	7.27	NP	--	91.25	--
MW-1	10/25/2007	98.52	2.55	NP	--	95.97	--
MW-1	11/9/2007	98.52	5.70	NP	--	92.82	--

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

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

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-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	--
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	--

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-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	--
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-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	--

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	2/26/2007	99.09	3.51	NP	--	95.58	--
MW-2	5/9/2007	99.09	5.92	NP	--	93.17	--
MW-2	7/16/2007	99.09	7.40	NP	--	91.69	--
MW-2	8/22/2007	99.09	7.94	NP	--	91.15	--
MW-2	9/25/2007	99.09	8.22	NP	--	90.87	--
MW-2	10/25/2007	99.09	6.25	NP	--	92.84	--
MW-2	11/9/2007	99.09	6.81	NP	--	92.28	--
MW-2	12/3/2007	99.09	5.90	NP	--	93.19	--
MW-2	1/17/2008	99.09	4.21	NP	--	94.88	--
MW-2	4/7/2008	99.09	4.35	NP	--	94.74	--
MW-2	7/22/2008	99.09	6.88	NP	--	92.21	--
MW-2	10/21/2008	99.09	7.72	NP	--	91.37	--
MW-2	1/20/2009	99.09	4.04	NP	--	95.05	--
MW-2	7/6/2009	99.09	7.40	NP	--	91.69	--
MW-2	3/17/2010	99.09	5.23	NP	--	93.86	--
MW-2	9/15/2010	99.09	7.17	NP	--	91.92	--
MW-2	3/4/2011	99.09	3.78	NP	--	95.31	--
MW-2	8/24/2011	99.09	7.03	NP	--	92.06	--
MW-2	5/10/2012	99.09	4.22	NP	--	94.87	--
MW-2	11/15/2012	99.09	5.52	NP	--	93.57	--
MW-2	3/27/2013	99.09	4.53	NP	--	94.56	--
MW-2	12/17/2013	99.09	6.03	NP	--	93.06	--
MW-2	6/24/2014	99.09	6.22	NP	--	92.87	--
MW-2	11/7/2014	99.09	4.02	NP	--	95.07	--
MW-2	11/8/2014	99.09	4.40	NP	--	94.69	--
MW-2	11/8/2014	99.09	4.36	NP	--	94.73	--
MW-2	11/9/2014	99.09	4.27	NP	--	94.82	--
MW-2	11/10/2014	99.09	4.43	NP	--	94.66	--
MW-2	11/12/2014	99.09	4.73	NP	--	94.36	--
MW-2	11/18/2014	99.09	5.33	NP	--	93.76	--
MW-2	11/19/2014	99.09	5.37	NP	--	93.72	--
MW-2	12/1/2014	97.23	4.25	NP	--	92.98	--
MW-2	12/8/2014	97.23	4.40	NP	--	92.83	--
MW-2	12/15/2014	97.23	4.05	NP	--	93.18	--
MW-2	12/22/2014	97.23	3.78	NP	--	93.45	--
MW-2	12/29/2014	97.23	3.60	NP	--	93.63	--
MW-2	1/5/2015	97.23	2.41	NP	--	94.82	--

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	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	--
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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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	--
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-9	2/26/2007	--	7.53	NP	--	--	--
MW-9	5/9/2007	--	8.22	NP	--	--	--
MW-9	7/16/2007	--	9.11	NP	--	--	--
MW-9	8/22/2007	--	--	--	--	--	Dry
MW-9	9/25/2007	--	--	--	--	--	Dry
MW-9	10/25/2007	--	--	--	--	--	Dry
MW-9	11/9/2007	--	--	--	--	--	Dry
MW-9	12/3/2007	--	--	--	--	--	Dry
MW-9	1/17/2008	--	9.08	NP	--	--	--
MW-9	4/7/2008	--	--	--	--	--	Dry
MW-9	7/22/2008	--	--	--	--	--	Dry
MW-9	10/21/2008	--	--	--	--	--	Dry
MW-9	7/6/2009	--	--	--	--	--	Dry
MW-9	3/17/2010	--	--	--	--	--	Dry
MW-9	9/15/2010	--	--	--	--	--	Dry

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

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

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	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
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

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	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-12	6/23/1992	101.10	7.95	NP	--	93.15	--
MW-12	7/2/1992	101.10	7.77	NP	--	93.33	--
MW-12	8/17/1992	101.10	8.20	NP	--	92.90	--
MW-12	9/30/1992	101.10	8.61	NP	--	92.49	--
MW-12	10/30/1992	101.10	8.18	NP	--	92.92	--
MW-12	11/30/1992	101.10	3.22	NP	--	97.88	--
MW-12	4/16/1993	101.10	4.64	NP	--	96.46	--
MW-12	10/3/2000	101.10	--	--	--	--	Dry
MW-12	2/28/2001	101.10	6.28	NP	--	94.82	--
MW-12	5/30/2001	101.10	7.51	NP	--	93.59	--
MW-12	8/22/2001	101.10	--	--	--	--	Dry
MW-12	11/21/2001	101.10	6.10	NP	--	95.00	--
MW-12	2/20/2002	101.10	5.53	NP	--	95.57	--
MW-12	5/16/2002	101.10	6.65	NP	--	94.45	--
MW-12	8/2/2002	101.10	8.55	NP	--	92.55	--
MW-12	12/19/2002	101.10	8.21	NP	--	92.89	--
MW-12	5/19/2003	101.10	7.66	NP	--	93.44	--
MW-12	11/13/2003	101.10	6.31	NP	--	94.79	--
MW-12	6/4/2004	101.10	6.87	NP	--	94.23	--
MW-12	10/7/2004	101.10	7.66	NP	--	93.44	--
MW-12	4/28/2005	101.10	5.88	NP	--	95.22	--
MW-12	11/16/2005	101.10	5.62	NP	--	95.48	--
MW-12	6/13/2006	101.10	7.17	NP	--	93.93	--
MW-12	2/26/2007	101.10	3.76	NP	--	97.34	--
MW-12	5/9/2007	101.10	7.21	NP	--	93.89	--
MW-12	7/16/2007	101.10	8.68	NP	--	92.42	--
MW-12	8/22/2007	101.10	9.19	NP	--	91.91	--
MW-12	9/25/2007	101.10	9.50	NP	--	91.60	--
MW-12	10/25/2007	101.10	6.79	NP	--	94.31	--
MW-12	11/9/2007	101.10	7.79	NP	--	93.31	--
MW-12	12/3/2007	101.10	6.80	NP	--	94.30	--

TABLE 1
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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	1/17/2008	101.10	4.52	NP	--	96.58	--
MW-12	4/7/2008	101.10	4.95	NP	--	96.15	--
MW-12	7/22/2008	101.10	8.16	NP	--	92.94	--
MW-12	10/21/2008	101.10	8.99	NP	--	92.11	--
MW-12	1/20/2009	101.10	4.80	NP	--	96.30	--
MW-12	7/6/2009	101.10	8.76	NP	--	92.34	--
MW-12	3/17/2010	101.10	6.33	NP	--	94.77	--
MW-12	9/15/2010	101.10	8.36	NP	--	92.74	--
MW-12	3/4/2011	101.10	4.48	NP	--	96.62	--
MW-12	8/24/2011	101.10	8.42	NP	--	92.68	--
MW-12	5/10/2012	101.10	5.05	NP	--	96.05	--
MW-12	11/15/2012	101.10	6.37	NP	--	94.73	--
MW-12	3/27/2013	101.10	5.40	NP	--	95.70	--
MW-12	12/17/2013	101.10	6.87	NP	--	94.23	--
MW-12	6/24/2014	101.10	7.45	NP	--	93.65	--
MW-12	11/7/2014	101.10	4.30	NP	--	96.80	--
MW-12	11/8/2014	101.10	4.76	NP	--	96.34	--
MW-12	11/8/2014	101.10	4.76	NP	--	96.34	--
MW-12	11/9/2014	101.10	4.45	NP	--	96.65	--
MW-12	11/10/2014	101.10	4.79	NP	--	96.31	--
MW-12	11/12/2014	101.10	5.25	NP	--	95.85	--
MW-12	11/18/2014	101.10	6.16	NP	--	94.94	--
MW-12	11/19/2014	101.10	6.21	NP	--	94.89	--
MW-12	12/1/2014	98.46	4.65	NP	--	93.81	--
MW-12	12/8/2014	98.46	4.80	NP	--	93.66	--
MW-12	12/15/2014	98.46	4.44	NP	--	94.02	--
MW-12	12/22/2014	98.46	4.38	NP	--	94.08	--
MW-12	12/29/2014	98.46	4.13	NP	--	94.33	--
MW-12	1/5/2015	98.46	2.93	NP	--	95.53	--
MW-12	1/12/2015	98.46	4.44	NP	--	94.02	--
MW-12	1/19/2015	98.46	3.74	NP	--	94.72	--
MW-12	1/26/2015	98.46	3.91	NP	--	94.55	--
MW-12	2/2/2015	98.46	4.92	NP	--	93.54	--
MW-12	2/9/2015	98.46	3.79	NP	--	94.67	--
MW-12	2/16/2015	98.46	4.35	NP	--	94.11	--
MW-12	2/23/2015	98.46	4.97	NP	--	93.49	--
MW-12	3/2/2015	98.46	4.70	NP	--	93.76	--

TABLE 1
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Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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	--
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	--

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Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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-14	6/23/1992	99.36	6.25	NP	--	93.11	--
MW-14	7/2/1992	99.36	5.95	NP	--	93.41	--
MW-14	8/17/1992	99.36	6.46	NP	--	92.90	--
MW-14	9/30/1992	99.36	6.80	6.70	0.10	92.63	--
MW-14	10/30/1992	99.36	6.47	NP	--	92.89	--
MW-14	11/30/1992	99.36	3.75	3.74	0.01	95.62	--
MW-14	4/16/1993	99.36	4.73	4.71	0.02	94.64	--
MW-14	10/3/2000	99.36	7.54	7.51	0.03	91.84	--
MW-14	2/28/2001	99.36	5.22	4.96	0.26	94.34	--
MW-14	5/30/2001	99.36	6.09	NP	--	93.27	--
MW-14	8/22/2001	99.36	7.72	7.62	0.10	91.72	--
MW-14	11/21/2001	99.36	4.71	NP	--	94.65	--
MW-14	2/20/2002	99.36	4.35	4.18	0.17	95.14	--
MW-14	5/16/2002	99.36	5.14	NP	--	94.22	--
MW-14	8/2/2002	99.36	6.98	NP	--	92.38	--
MW-14	12/19/2002	99.36	6.66	6.64	0.02	92.72	--
MW-14	5/19/2003	99.36	6.03	6.02	0.01	93.34	--
MW-14	11/13/2003	99.36	6.27	6.26	0.01	93.10	--
MW-14	6/4/2004	99.36	5.57	NP	--	93.79	--
MW-14	10/7/2004	99.36	6.27	NP	--	93.09	--
MW-14	4/28/2005	99.36	4.53	NP	--	94.83	--
MW-14	11/16/2005	99.36	4.32	NP	--	95.04	--
MW-14	6/13/2006	99.36	5.94	NP	--	93.42	--
MW-14	2/26/2007	99.36	2.50	NP	--	96.86	--

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

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	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	--
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	--

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	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	--
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-17A	4/28/2005	101.53	5.52	NP	--	96.01	--
MW-17A	11/16/2005	101.53	7.63	NP	--	93.90	--
MW-17A	6/13/2006	101.53	7.05	NP	--	94.48	--
MW-17A	2/26/2007	101.53	4.98	NP	--	96.55	--
MW-17A	5/9/2007	101.53	6.63	NP	--	94.90	--
MW-17A	7/16/2007	101.53	7.98	NP	--	93.55	--
MW-17A	8/22/2007	101.53	8.55	NP	--	92.98	--
MW-17A	9/25/2007	101.53	8.93	NP	--	92.60	--
MW-17A	10/25/2007	101.53	7.88	NP	--	93.65	--
MW-17A	11/9/2007	101.53	7.95	NP	--	93.58	--
MW-17A	12/3/2007	101.53	7.53	NP	--	94.00	--
MW-17A	1/17/2008	101.53	5.95	NP	--	95.58	--
MW-17A	4/7/2008	101.53	5.42	NP	--	96.11	--
MW-17A	7/22/2008	101.53	7.66	NP	--	93.87	--
MW-17A	10/21/2008	101.53	8.75	NP	--	92.78	--
MW-17A	1/20/2009	101.53	5.14	NP	--	96.39	--
MW-17A	7/6/2009	101.53	8.11	NP	--	93.42	--

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

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

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
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	--
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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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-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	--

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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-18	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	--
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-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	--

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

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

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

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	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-20	12/17/2013	97.94	7.69	NP	--	90.25	--
MW-20	6/24/2014	97.94	5.40	NP	--	92.54	--
MW-20	11/6/2014	97.94	4.38	NP	--	93.56	--
MW-20	11/7/2014	97.94	4.30	NP	--	93.64	--
MW-20	11/8/2014	97.94	4.90	NP	--	93.04	--
MW-20	11/8/2014	97.94	5.00	NP	--	92.94	--
MW-20	11/9/2014	97.94	4.31	NP	--	93.63	--
MW-20	11/10/2014	97.94	4.35	NP	--	93.59	--
MW-20	11/10/2014	97.94	4.36	NP	--	93.58	--
MW-20	11/10/2014	97.94	4.35	NP	--	93.59	--
MW-20	11/10/2014	97.94	4.36	NP	--	93.58	--
MW-20	11/10/2014	97.94	4.42	NP	--	93.52	--
MW-20	11/11/2014	97.94	4.43	NP	--	93.51	--
MW-20	11/11/2014	97.94	4.48	NP	--	93.46	--
MW-20	11/12/2014	97.94	4.49	NP	--	93.45	--
MW-20	11/13/2014	97.94	4.52	NP	--	93.42	--
MW-20	11/14/2014	97.94	4.76	NP	--	93.18	--
MW-20	11/17/2014	97.94	4.86	NP	--	93.08	--
MW-20	11/18/2014	97.94	4.90	NP	--	93.04	--
MW-20	11/19/2014	97.94	4.97	NP	--	92.97	--
MW-20	12/1/2014	96.66	4.03	NP	--	92.63	--
MW-20	12/8/2014	96.66	4.20	NP	--	92.46	--
MW-20	12/15/2014	96.66	3.72	NP	--	92.94	--
MW-20	12/22/2014	96.66	3.62	NP	--	93.04	--
MW-20	12/29/2014	96.66	3.32	NP	--	93.34	--
MW-20	1/5/2015	96.66	2.28	NP	--	94.38	--
MW-20	1/12/2015	96.66	4.27	NP	--	92.39	--
MW-20	1/19/2015	96.66	3.06	NP	--	93.60	--
MW-20	1/26/2015	96.66	2.94	NP	--	93.72	--
MW-20	2/2/2015	96.66	3.67	NP	--	92.99	--
MW-20	2/9/2015	96.66	2.93	NP	--	93.73	--
MW-20	2/16/2015	96.66	3.22	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-20	2/23/2015	96.66	3.71	NP	--	92.95	--
MW-20	3/2/2015	96.66	3.61	NP	--	93.05	--
MW-20	3/9/2015	96.66	4.18	NP	--	92.48	--
MW-20	3/16/2015	96.66	3.59	NP	--	93.07	--
MW-20	3/23/2015	96.66	3.44	NP	--	93.22	--
MW-20	3/30/2015	96.66	3.59	NP	--	93.07	--
MW-20	4/6/2015	96.66	4.11	NP	--	92.55	--
MW-20	4/22/2015	96.66	4.91	NP	--	91.75	--
MW-20	5/4/2015	96.66	5.08	NP	--	91.58	--
MW-20	5/18/2015	96.66	5.41	NP	--	91.25	--
MW-20	6/1/2015	96.66	6.85	NP	--	89.81	--
MW-20	6/15/2015	96.66	6.11	NP	--	90.55	--
MW-20	6/19/2015	96.66	6.25	NP	--	90.41	--
MW-20	6/29/2015	96.66	6.51	NP	--	90.15	--
MW-20	7/13/2015	96.66	6.82	NP	--	89.84	--
MW-20	7/28/2015	96.66	7.85	NP	--	88.81	--
MW-20	8/10/2015	96.66	8.24	NP	--	88.42	--
MW-20	8/24/2015	96.66	8.61	NP	--	88.05	--
MW-20	9/8/2015	96.66	8.31	NP	--	88.35	--
MW-20	9/21/2015	96.66	8.46	NP	--	88.20	--
MW-20	10/5/2015	96.66	8.43	NP	--	88.23	--
MW-20	10/12/2015	96.66	8.44	NP	--	88.22	--
MW-20	10/19/2015	96.66	8.47	NP	--	88.19	--
MW-20	11/2/2015	96.66	7.55	NP	--	89.11	--
MW-20	11/16/2015	96.66	4.00	NP	--	92.66	--
MW-20	11/30/2015	96.66	4.92	NP	--	91.74	--
MW-20	1/18/2016	96.66	3.81	NP	--	92.85	--
MW-20	2/1/2016	96.66	2.96	NP	--	93.70	--
MW-20	2/15/2016	96.66	1.90	NP	--	94.76	--
MW-20	3/7/2016	96.66	3.49	NP	--	93.17	--
MW-20	3/29/2016	96.66	3.16	NP	--	93.50	--
MW-20	4/5/2016	96.66	--	--	--	--	NG
MW-20	4/19/2016	96.66	4.18	NP	--	92.48	--
MW-20	5/10/2016	96.66	--	--	--	--	WI
MW-20	5/24/2016	96.66	5.36	NP	--	91.30	--
MW-20	6/7/2016	96.66	5.70	NP	--	90.96	--
MW-20	6/21/2016	96.66	5.39	NP	--	91.27	--

TABLE 1
Groundwater Gauging Data
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	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-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	--

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	12/8/2014	95.65	2.78	NP	--	92.87	--
MW-21	12/15/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/22/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/29/2014	95.65	1.94	NP	--	93.71	--
MW-21	1/5/2015	95.65	1.26	NP	--	94.39	--
MW-21	1/12/2015	95.65	1.98	NP	--	93.67	--
MW-21	1/15/2015	95.65	1.98	NP	--	93.67	--
MW-21	1/19/2015	95.65	1.66	NP	--	93.99	--
MW-21	1/26/2015	95.65	1.58	NP	--	94.07	--
MW-21	2/2/2015	95.65	2.41	NP	--	93.24	--
MW-21	2/9/2015	95.65	1.57	NP	--	94.08	--
MW-21	2/16/2015	95.65	1.90	NP	--	93.75	--
MW-21	2/23/2015	95.65	2.46	NP	--	93.19	--
MW-21	3/2/2015	95.65	2.35	NP	--	93.30	--
MW-21	3/9/2015	95.65	2.95	NP	--	92.70	--
MW-21	3/16/2015	95.65	2.34	NP	--	93.31	--
MW-21	3/23/2015	95.65	2.05	NP	--	93.60	--
MW-21	3/30/2015	95.65	2.20	NP	--	93.45	--
MW-21	4/6/2015	95.65	2.86	NP	--	92.79	--
MW-21	4/22/2015	95.65	3.70	NP	--	91.95	--
MW-21	5/4/2015	95.65	3.90	NP	--	91.75	--
MW-21	5/18/2015	95.65	4.25	NP	--	91.40	--
MW-21	6/1/2015	95.65	4.78	NP	--	90.87	--
MW-21	6/15/2015	95.65	6.15	NP	--	89.50	--
MW-21	6/19/2015	95.65	5.27	NP	--	90.38	--
MW-21	6/29/2015	95.65	5.53	NP	--	90.12	--
MW-21	7/13/2015	95.65	5.83	NP	--	89.82	--
MW-21	7/28/2015	95.65	6.14	NP	--	89.51	--
MW-21	8/10/2015	95.65	6.04	NP	--	89.61	--
MW-21	8/24/2015	95.65	6.60	NP	--	89.05	--
MW-21	9/8/2015	95.65	6.05	NP	--	89.60	--
MW-21	9/21/2015	95.65	6.21	NP	--	89.44	--
MW-21	10/5/2015	95.65	6.38	NP	--	89.27	--
MW-21	10/12/2015	95.65	6.37	NP	--	89.28	--
MW-21	10/19/2015	95.65	6.46	NP	--	89.19	--
MW-21	11/2/2015	95.65	5.62	NP	--	90.03	--
MW-21	11/16/2015	95.65	2.96	NP	--	92.69	--

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-21	11/30/2015	95.65	3.75	NP	--	91.90	--
MW-21	1/18/2016	95.65	2.56	NP	--	93.09	--
MW-21	2/1/2016	95.65	1.73	NP	--	93.92	--
MW-21	2/15/2016	95.65	0.65	NP	--	95.00	--
MW-21	3/7/2016	95.65	2.39	NP	--	93.26	--
MW-21	3/29/2016	95.65	1.90	NP	--	93.75	--
MW-21	4/5/2016	95.65	--	--	--	--	NG
MW-21	4/19/2016	95.65	3.00	NP	--	92.65	--
MW-21	5/10/2016	95.65	--	--	--	--	WI
MW-21	5/24/2016	95.65	4.25	NP	--	91.40	--
MW-21	6/7/2016	95.65	4.56	NP	--	91.09	--
MW-21	6/21/2016	95.65	4.23	NP	--	91.42	--
MW-21	7/19/2016	95.65	5.04	NP	--	90.61	--
MW-21	8/23/2016	95.65	6.03	NP	--	89.62	--
MW-21	9/20/2016	95.65	5.43	NP	--	90.22	--
MW-21	11/8/2016	95.65	2.71	NP	--	92.94	--
MW-21	12/6/2016	95.65	2.03	NP	--	93.62	--
MW-21	3/21/2017	95.65	1.39	NP	--	94.26	--
MW-21	4/27/2017	95.65	2.87	NP	--	92.78	--
MW-21	5/30/2017	95.65	3.70	NP	--	91.95	--
MW-21	6/27/2017	95.65	4.81	NP	--	90.84	--
MW-21	8/3/2017	95.65	5.88	NP	--	89.77	--
MW-21	8/31/2017	95.65	6.50	NP	--	89.15	--
MW-21	9/26/2017	95.65	6.78	NP	--	88.87	--
MW-21	11/29/2017	95.65	3.24	NP	--	92.41	--
MW-21	2/27/2018	95.65	2.03	NP	--	93.62	--
MW-21	6/12/2018	95.65	4.70	NP	--	90.95	--
MW-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	--

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	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/11/2014	95.93	2.55	NP	--	93.38	--
MW-22	11/11/2014	95.93	2.63	NP	--	93.30	--
MW-22	11/12/2014	95.93	2.74	NP	--	93.19	--
MW-22	11/13/2014	95.93	2.89	NP	--	93.04	--
MW-22	11/14/2014	95.93	3.22	NP	--	92.71	--
MW-22	11/18/2014	95.93	3.68	NP	--	92.25	--
MW-22	11/19/2014	95.93	3.74	NP	--	92.19	--
MW-22	12/1/2014	95.35	1.60	NP	--	93.75	--
MW-22	12/8/2014	95.35	1.68	NP	--	93.67	--
MW-22	12/15/2014	95.35	1.34	NP	--	94.01	--
MW-22	12/22/2014	95.35	1.39	NP	--	93.96	--
MW-22	12/29/2014	95.35	1.23	NP	--	94.12	--
MW-22	1/5/2015	95.35	0.70	NP	--	94.65	--
MW-22	1/12/2015	95.35	0.90	NP	--	94.45	--
MW-22	1/19/2015	95.35	1.05	NP	--	94.30	--
MW-22	1/26/2015	95.35	1.03	NP	--	94.32	--
MW-22	2/2/2015	95.35	1.14	NP	--	94.21	--
MW-22	2/9/2015	95.35	1.05	NP	--	94.30	--
MW-22	2/16/2015	95.35	1.11	NP	--	94.24	--
MW-22	2/23/2015	95.35	1.34	NP	--	94.01	--
MW-22	3/2/2015	95.35	1.39	NP	--	93.96	--
MW-22	3/9/2015	95.35	1.84	NP	--	93.51	--
MW-22	3/16/2015	95.35	1.26	NP	--	94.09	--
MW-22	3/23/2015	95.35	1.26	NP	--	94.09	--
MW-22	3/30/2015	95.35	1.50	NP	--	93.85	--
MW-22	4/6/2015	95.35	2.35	NP	--	93.00	--
MW-22	4/22/2015	95.35	4.03	NP	--	91.32	--
MW-22	5/4/2015	95.35	4.25	NP	--	91.10	--
MW-22	5/18/2015	95.35	4.62	NP	--	90.73	--
MW-22	6/1/2015	95.35	5.02	NP	--	90.33	--
MW-22	6/15/2015	95.35	5.32	NP	--	90.03	--
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	--

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	8/10/2015	95.35	6.16	NP	--	89.19	--
MW-22	8/24/2015	95.35	6.39	NP	--	88.96	--
MW-22	9/8/2015	95.35	6.35	NP	--	89.00	--
MW-22	9/21/2015	95.35	6.34	NP	--	89.01	--
MW-22	10/5/2015	95.35	6.46	NP	--	88.89	--
MW-22	10/12/2015	95.35	6.50	NP	--	88.85	--
MW-22	10/19/2015	95.35	6.54	NP	--	88.81	--
MW-22	11/2/2015	95.35	--	--	--	--	WI
MW-22	11/16/2015	95.35	1.35	NP	--	94.00	--
MW-22	11/30/2015	95.35	2.56	NP	--	92.79	--
MW-22	1/18/2016	95.35	1.33	NP	--	94.02	--
MW-22	2/1/2016	95.35	0.96	NP	--	94.39	--
MW-22	2/15/2016	95.35	0.70	NP	--	94.65	--
MW-22	3/7/2016	95.35	1.33	NP	--	94.02	--
MW-22	3/29/2016	95.35	1.28	NP	--	94.07	--
MW-22	4/5/2016	95.35	--	--	--	--	NG
MW-22	4/19/2016	95.35	2.86	NP	--	92.49	--
MW-22	5/10/2016	95.35	4.30	NP	--	91.05	--
MW-22	5/24/2016	95.35	5.64	NP	--	89.71	--
MW-22	6/7/2016	95.35	4.85	NP	--	90.50	--
MW-22	6/21/2016	95.35	4.87	NP	--	90.48	--
MW-22	7/19/2016	95.35	5.35	NP	--	90.00	--
MW-22	8/23/2016	95.35	5.90	NP	--	89.45	--
MW-22	9/20/2016	95.35	5.66	NP	--	89.69	--
MW-22	11/8/2016	95.35	1.72	NP	--	93.63	--
MW-22	12/6/2016	95.35	1.51	NP	--	93.84	--
MW-22	3/21/2017	95.35	1.06	NP	--	94.29	--
MW-22	4/27/2017	95.35	2.61	NP	--	92.74	--
MW-22	5/30/2017	95.35	4.31	NP	--	91.04	--
MW-22	6/28/2017	95.35	5.15	NP	--	90.20	--
MW-22	8/3/2017	95.35	5.79	NP	--	89.56	--
MW-22	8/31/2017	95.35	6.22	NP	--	89.13	--
MW-22	9/26/2017	95.35	6.56	NP	--	88.79	--
MW-22	11/29/2017	95.35	2.91	NP	--	92.44	--
MW-22	2/27/2018	95.35	1.31	NP	--	94.04	--
MW-22	6/12/2018	95.35	5.13	NP	--	90.22	--

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	12/17/2013	95.62	3.14	NP	--	92.48	--
MW-23	6/24/2014	95.62	3.61	NP	--	92.01	--
MW-23	11/7/2014	95.62	--	--	--	--	NG
MW-23	11/8/2014	95.62	--	--	--	--	NG
MW-23	11/9/2014	95.62	1.22	NP	--	94.40	--
MW-23	11/10/2014	95.62	1.50	NP	--	94.12	--
MW-23	11/12/2014	95.62	1.78	NP	--	93.84	--
MW-23	11/18/2014	95.62	2.49	NP	--	93.13	--
MW-23	11/19/2014	95.62	2.51	NP	--	93.11	--
MW-23	12/1/2014	94.20	1.40	NP	--	92.80	--
MW-23	12/8/2014	94.20	1.40	NP	--	92.80	--
MW-23	12/15/2014	94.20	1.14	NP	--	93.06	--
MW-23	12/22/2014	94.20	1.13	NP	--	93.07	--
MW-23	12/29/2014	94.20	0.97	NP	--	93.23	--
MW-23	1/5/2015	94.20	0.50	NP	--	93.70	--
MW-23	1/12/2015	94.20	0.90	NP	--	93.30	--
MW-23	1/19/2015	94.20	0.80	NP	--	93.40	--
MW-23	1/26/2015	94.20	0.74	NP	--	93.46	--
MW-23	2/2/2015	94.20	1.24	NP	--	92.96	--
MW-23	2/9/2015	94.20	0.90	NP	--	93.30	--
MW-23	2/16/2015	94.20	0.90	NP	--	93.30	--
MW-23	2/23/2015	94.20	1.41	NP	--	92.79	--
MW-23	3/2/2015	94.20	1.33	NP	--	92.87	--
MW-23	3/9/2015	94.20	1.85	NP	--	92.35	--
MW-23	3/16/2015	94.20	1.05	NP	--	93.15	--
MW-23	3/23/2015	94.20	1.00	NP	--	93.20	--
MW-23	3/30/2015	94.20	1.20	NP	--	93.00	--
MW-23	4/6/2015	94.20	1.95	NP	--	92.25	--
MW-23	4/22/2015	94.20	2.79	NP	--	91.41	--
MW-23	5/4/2015	94.20	3.09	NP	--	91.11	--
MW-23	5/18/2015	94.20	3.51	NP	--	90.69	--
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	--

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	8/10/2015	94.20	5.63	NP	--	88.57	--
MW-23	8/24/2015	94.20	8.85	NP	--	85.35	--
MW-23	9/8/2015	94.20	4.80	NP	--	89.40	--
MW-23	9/21/2015	94.20	--	--	--	--	WI
MW-23	10/5/2015	94.20	5.28	NP	--	88.92	--
MW-23	10/12/2015	94.20	--	--	--	--	NG
MW-23	10/19/2015	94.20	5.24	NP	--	88.96	--
MW-23	11/2/2015	94.20	5.77	NP	--	88.43	--
MW-23	11/16/2015	94.20	1.24	NP	--	92.96	--
MW-23	11/30/2015	94.20	2.24	NP	--	91.96	--
MW-23	1/18/2016	94.20	1.36	NP	--	92.84	--
MW-23	2/1/2016	94.20	1.03	NP	--	93.17	--
MW-23	2/15/2016	94.20	0.50	NP	--	93.70	--
MW-23	3/7/2016	94.20	1.45	NP	--	92.75	--
MW-23	3/29/2016	94.20	1.05	NP	--	93.15	--
MW-23	4/5/2016	94.20	--	--	--	--	NG
MW-23	4/19/2016	94.20	2.15	NP	--	92.05	--
MW-23	5/10/2016	94.20	3.00	NP	--	91.20	--
MW-23	5/24/2016	94.20	3.31	NP	--	90.89	--
MW-23	6/7/2016	94.20	3.62	NP	--	90.58	--
MW-23	6/21/2016	94.20	3.07	NP	--	91.13	--
MW-23	7/19/2016	94.20	4.24	NP	--	89.96	--
MW-23	8/23/2016	94.20	5.12	NP	--	89.08	--
MW-23	9/20/2016	94.20	4.19	NP	--	90.01	--
MW-23	11/8/2016	94.20	1.40	NP	--	92.80	--
MW-23	12/6/2016	94.20	1.21	NP	--	92.99	--
MW-23	3/21/2017	94.20	0.80	NP	--	93.40	--
MW-23	4/27/2017	94.20	2.14	NP	--	92.06	--
MW-23	5/30/2017	94.20	3.07	NP	--	91.13	--
MW-23	6/28/2017	94.20	4.07	NP	--	90.13	--
MW-23	8/3/2017	94.20	5.07	NP	--	89.13	--
MW-23	8/31/2017	94.20	5.66	NP	--	88.54	--
MW-23	9/26/2017	94.20	6.91	NP	--	87.29	--
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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-24	11/17/2014	--	4.89	NP	--	--	--
MW-24	11/18/2014	--	6.55	NP	--	--	--
MW-24	11/19/2014	--	6.55	NP	--	--	--
MW-24	12/1/2014	96.50	3.75	NP	--	92.75	--
MW-24	12/8/2014	96.50	3.84	NP	--	92.66	--
MW-24	12/15/2014	96.50	2.27	NP	--	94.23	--
MW-24	12/22/2014	96.50	3.43	NP	--	93.07	--
MW-24	12/29/2014	96.50	3.14	NP	--	93.36	--
MW-24	1/5/2015	96.50	2.58	NP	--	93.92	--
MW-24	1/12/2015	96.50	2.80	NP	--	93.70	--
MW-24	1/14/2015	96.50	2.80	NP	--	93.70	--
MW-24	1/19/2015	96.50	3.22	NP	--	93.28	--
MW-24	1/26/2015	96.50	3.17	NP	--	93.33	--
MW-24	2/2/2015	96.50	3.40	NP	--	93.10	--
MW-24	2/9/2015	96.50	3.47	NP	--	93.03	--
MW-24	2/16/2015	96.50	3.36	NP	--	93.14	--
MW-24	2/23/2015	96.50	3.50	NP	--	93.00	--
MW-24	3/2/2015	96.50	3.74	NP	--	92.76	--
MW-24	3/9/2015	96.50	3.89	NP	--	92.61	--
MW-24	3/16/2015	96.50	3.66	NP	--	92.84	--
MW-24	3/23/2015	96.50	3.80	NP	--	92.70	--
MW-24	3/30/2015	96.50	3.83	NP	--	92.67	--
MW-24	4/6/2015	96.50	4.25	NP	--	92.25	--
MW-24	4/22/2015	96.50	5.10	NP	--	91.40	--
MW-24	5/4/2015	96.50	5.93	NP	--	90.57	--
MW-24	5/18/2015	96.50	5.90	NP	--	90.60	--
MW-24	6/1/2015	96.50	6.53	NP	--	89.97	--
MW-24	6/15/2015	96.50	6.86	NP	--	89.64	--
MW-24	6/19/2015	96.50	6.97	NP	--	89.53	--
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	--

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	10/12/2015	96.50	7.90	NP	--	88.60	--
MW-24	10/19/2015	96.50	8.14	NP	--	88.36	--
MW-24	11/2/2015	96.50	7.41	NP	--	89.09	--
MW-24	11/16/2015	96.50	5.67	NP	--	90.83	--
MW-24	11/30/2015	96.50	5.75	NP	--	90.75	--
MW-24	1/18/2016	96.50	3.56	NP	--	92.94	--
MW-24	2/1/2016	96.50	4.11	NP	--	92.39	--
MW-24	2/15/2016	96.50	3.82	NP	--	92.68	--
MW-24	3/7/2016	96.50	3.15	NP	--	93.35	--
MW-24	3/29/2016	96.50	3.52	3.50	0.02	93.00	--
MW-24	4/5/2016	96.50	3.28	NP	--	93.22	--
MW-24	4/19/2016	96.50	3.96	3.94	0.02	92.56	--
MW-24	5/10/2016	96.50	5.05	NP	--	91.45	--
MW-24	5/24/2016	96.50	5.44	NP	--	91.06	--
MW-24	6/7/2016	96.50	5.85	NP	--	90.65	--
MW-24	6/21/2016	96.50	5.38	NP	--	91.12	--
MW-24	7/19/2016	96.50	6.57	NP	--	89.93	--
MW-24	8/23/2016	96.50	7.61	NP	--	88.89	--
MW-24	9/20/2016	96.50	6.82	NP	--	89.68	--
MW-24	11/8/2016	96.50	4.22	NP	--	92.28	--
MW-24	12/6/2016	96.50	4.25	NP	--	92.25	--
MW-24	3/21/2017	96.50	4.12	NP	--	92.38	--
MW-24	4/27/2017	96.50	4.35	NP	--	92.15	--
MW-24	5/30/2017	96.50	4.86	NP	--	91.64	--
MW-24	6/28/2017	96.50	6.18	NP	--	90.32	--
MW-24	8/3/2017	96.50	7.38	NP	--	89.12	--
MW-24	8/31/2017	96.50	7.99	NP	--	88.51	--
MW-24	11/29/2017	96.50	4.10	NP	--	92.40	--
MW-24	2/27/2018	96.50	3.38	NP	--	93.12	--
MW-24	6/12/2018	96.50	5.92	NP	--	90.58	--
MW-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	--

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
MW-25	12/22/2014	97.35	5.62	NP	--	91.73	--
MW-25	12/29/2014	97.35	5.10	NP	--	92.25	--
MW-25	1/5/2015	97.35	4.58	NP	--	92.77	--
MW-25	1/12/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/13/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/19/2015	97.35	4.23	NP	--	93.12	--
MW-25	1/26/2015	97.35	4.03	NP	--	93.32	--
MW-25	2/2/2015	97.35	4.38	NP	--	92.97	--
MW-25	2/9/2015	97.35	4.07	NP	--	93.28	--
MW-25	2/16/2015	97.35	4.06	NP	--	93.29	--
MW-25	2/23/2015	97.35	4.47	NP	--	92.88	--
MW-25	3/2/2015	97.35	4.56	NP	--	92.79	--
MW-25	3/9/2015	97.35	5.94	NP	--	91.41	--
MW-25	3/16/2015	97.35	4.90	NP	--	92.45	--
MW-25	3/23/2015	97.35	4.71	NP	--	92.64	--
MW-25	3/30/2015	97.35	4.68	NP	--	92.67	--
MW-25	4/6/2015	97.35	5.09	NP	--	92.26	--
MW-25	4/22/2015	97.35	5.63	NP	--	91.72	--
MW-25	5/4/2015	97.35	5.82	NP	--	91.53	--
MW-25	5/18/2015	97.35	6.14	NP	--	91.21	--
MW-25	6/1/2015	97.35	6.46	NP	--	90.89	--
MW-25	6/15/2015	97.35	6.85	NP	--	90.50	--
MW-25	6/19/2015	97.35	6.91	NP	--	90.44	--
MW-25	6/29/2015	97.35	7.17	NP	--	90.18	--
MW-25	7/13/2015	97.35	7.53	NP	--	89.82	--
MW-25	7/28/2015	97.35	8.09	NP	--	89.26	--
MW-25	8/10/2015	97.35	8.68	NP	--	88.67	--
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	--

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	2/1/2016	97.35	--	--	--	--	WI
MW-25	2/15/2016	97.35	--	--	--	--	NG
MW-25	3/7/2016	97.35	4.18	NP	--	93.17	--
MW-25	3/29/2016	97.35	4.14	NP	--	93.21	--
MW-25	4/5/2016	97.35	--	--	--	--	NG
MW-25	4/19/2016	97.35	4.85	NP	--	92.50	--
MW-25	5/10/2016	97.35	5.48	NP	--	91.87	--
MW-25	5/24/2016	97.35	5.82	NP	--	91.53	--
MW-25	6/7/2016	97.35	6.10	NP	--	91.25	--
MW-25	6/21/2016	97.35	6.25	NP	--	91.10	--
MW-25	7/19/2016	97.35	6.70	NP	--	90.65	--
MW-25	8/23/2016	97.35	7.53	NP	--	89.82	--
MW-25	9/20/2016	97.35	7.68	NP	--	89.67	--
MW-25	11/8/2016	97.35	7.10	NP	--	90.25	--
MW-25	12/6/2016	97.35	6.21	NP	--	91.14	--
MW-25	3/21/2017	97.35	3.98	NP	--	93.37	--
MW-25	4/27/2017	97.35	4.89	NP	--	92.46	--
MW-25	5/30/2017	97.35	5.63	NP	--	91.72	--
MW-25	6/27/2017	97.35	6.36	NP	--	90.99	--
MW-25	8/3/2017	97.35	7.27	NP	--	90.08	--
MW-25	8/31/2017	97.35	8.16	NP	--	89.19	--
MW-25	9/26/2017	97.35	8.42	NP	--	88.93	--
MW-25	11/29/2017	97.35	7.51	NP	--	89.84	--
MW-25	2/27/2018	97.35	3.96	NP	--	93.39	--
MW-25	6/12/2018	97.35	6.12	NP	--	91.23	--
MW-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	--

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	1/19/2015	96.56	2.80	NP	--	93.76	--
MW-27	1/26/2015	96.56	2.47	NP	--	94.09	--
MW-27	2/2/2015	96.56	2.88	NP	--	93.68	--
MW-27	2/9/2015	96.56	2.78	NP	--	93.78	--
MW-27	2/16/2015	96.56	2.70	NP	--	93.86	--
MW-27	2/23/2015	96.56	2.80	NP	--	93.76	--
MW-27	3/2/2015	96.56	3.00	NP	--	93.56	--
MW-27	3/9/2015	96.56	3.11	NP	--	93.45	--
MW-27	3/16/2015	96.56	3.20	NP	--	93.36	--
MW-27	3/23/2015	96.56	3.13	NP	--	93.43	--
MW-27	3/30/2015	96.56	3.14	NP	--	93.42	--
MW-27	4/6/2015	96.56	3.61	NP	--	92.95	--
MW-27	4/22/2015	96.56	4.44	NP	--	92.12	--
MW-27	5/4/2015	96.56	4.79	NP	--	91.77	--
MW-27	5/18/2015	96.56	5.35	NP	--	91.21	--
MW-27	6/1/2015	96.56	6.04	NP	--	90.52	--
MW-27	6/15/2015	96.56	6.43	NP	--	90.13	--
MW-27	6/19/2015	96.56	6.39	NP	--	90.17	--
MW-27	6/29/2015	96.56	6.87	NP	--	89.69	--
MW-27	7/13/2015	96.56	7.29	NP	--	89.27	--
MW-27	7/28/2015	96.56	7.66	NP	--	88.90	--
MW-27	8/10/2015	96.56	7.98	NP	--	88.58	--
MW-27	8/24/2015	96.56	--	--	--	--	NG
MW-27	9/8/2015	96.56	6.97	NP	--	89.59	--
MW-27	9/21/2015	96.56	7.19	NP	--	89.37	--
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	--

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	4/19/2016	96.56	3.32	3.30	0.02	93.26	--
MW-27	5/10/2016	96.56	4.63	NP	--	91.93	--
MW-27	5/24/2016	96.56	5.07	NP	--	91.49	--
MW-27	6/7/2016	96.56	5.49	NP	--	91.07	--
MW-27	6/21/2016	96.56	5.23	NP	--	91.33	--
MW-27	7/19/2016	96.56	6.29	NP	--	90.27	--
MW-27	8/23/2016	96.56	--	--	--	--	NG
MW-27	9/20/2016	96.56	--	--	--	--	NG
MW-27	11/8/2016	96.56	--	--	--	--	NG
MW-27	12/6/2016	96.56	--	--	--	--	NG
MW-27	3/21/2017	96.56	3.35	NP	--	93.21	--
MW-27	4/27/2017	96.56	3.79	NP	--	92.77	--
MW-27	5/30/2017	96.56	4.46	NP	--	92.10	--
MW-27	6/28/2017	96.56	5.80	NP	--	90.76	--
MW-27	8/3/2017	96.56	7.05	NP	--	89.51	--
MW-27	8/31/2017	96.56	7.80	NP	--	88.76	--
MW-27	9/26/2017	96.56	8.06	NP	--	88.50	--
MW-27	11/29/2017	96.56	--	--	--	--	WI
MW-27	2/27/2018	96.56	3.32	NP	--	93.24	--
MW-27	6/12/2018	96.56	5.58	NP	--	90.98	--
MW-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	--

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	3/2/2015	96.77	4.51	NP	--	92.26	--
MW-28	3/9/2015	96.77	4.97	NP	--	91.80	--
MW-28	3/16/2015	96.77	4.60	NP	--	92.17	--
MW-28	3/23/2015	96.77	4.40	NP	--	92.37	--
MW-28	3/30/2015	96.77	4.48	NP	--	92.29	--
MW-28	4/6/2015	96.77	5.00	NP	--	91.77	--
MW-28	4/22/2015	96.77	5.79	NP	--	90.98	--
MW-28	5/4/2015	96.77	6.24	NP	--	90.53	--
MW-28	5/18/2015	96.77	6.65	NP	--	90.12	--
MW-28	6/1/2015	96.77	7.10	NP	--	89.67	--
MW-28	6/15/2015	96.77	7.37	NP	--	89.40	--
MW-28	6/19/2015	96.77	7.38	NP	--	89.39	--
MW-28	7/13/2015	96.77	8.14	NP	--	88.63	--
MW-28	7/28/2015	96.77	8.34	NP	--	88.43	--
MW-28	8/10/2015	96.77	8.69	NP	--	88.08	--
MW-28	8/24/2015	96.77	3.88	NP	--	92.89	--
MW-28	9/8/2015	96.77	8.36	NP	--	88.41	--
MW-28	9/21/2015	96.77	8.31	NP	--	88.46	--
MW-28	10/5/2015	96.77	8.51	NP	--	88.26	--
MW-28	10/12/2015	96.77	--	--	--	--	WI
MW-28	10/19/2015	96.77	8.53	NP	--	88.24	--
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

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	9/20/2016	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-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	--

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	4/22/2015	97.98	5.78	NP	--	92.20	--
MW-29	5/4/2015	97.98	6.00	NP	--	91.98	--
MW-29	5/18/2015	97.98	6.50	NP	--	91.48	--
MW-29	6/1/2015	97.98	7.20	NP	--	90.78	--
MW-29	6/15/2015	97.98	7.64	NP	--	90.34	--
MW-29	6/19/2015	97.98	7.81	NP	--	90.17	--
MW-29	6/29/2015	97.98	8.10	NP	--	89.88	--
MW-29	7/13/2015	97.98	8.45	NP	--	89.53	--
MW-29	7/28/2015	97.98	8.77	NP	--	89.21	--
MW-29	8/10/2015	97.98	9.04	NP	--	88.94	--
MW-29	8/24/2015	97.98	9.31	NP	--	88.67	--
MW-29	9/8/2015	97.98	8.60	NP	--	89.38	--
MW-29	9/21/2015	97.98	8.57	NP	--	89.41	--
MW-29	10/5/2015	97.98	8.81	NP	--	89.17	--
MW-29	10/12/2015	97.98	8.97	NP	--	89.01	--
MW-29	10/19/2015	97.98	9.24	NP	--	88.74	--
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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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-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	--
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	--

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	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	--
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-32	11/17/2014	--	7.20	NP	--	--	--
MW-32	11/18/2014	--	7.38	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-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	--
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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-32	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	--
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-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	--

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	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	--
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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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
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-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	--

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Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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	--
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	--

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Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-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	--
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-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	--

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	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	--
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	--

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	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-37	11/17/2014	--	8.82	NP	--	--	--
MW-37	11/18/2014	--	8.88	NP	--	--	--
MW-37	11/19/2014	--	8.87	NP	--	--	--
MW-37	12/1/2014	97.68	6.36	NP	--	91.32	--
MW-37	12/8/2014	97.68	6.70	NP	--	90.98	--
MW-37	12/15/2014	97.68	6.27	NP	--	91.41	--
MW-37	12/22/2014	97.68	5.81	NP	--	91.87	--
MW-37	12/29/2014	97.68	6.02	NP	--	91.66	--
MW-37	1/5/2015	97.68	5.07	NP	--	92.61	--
MW-37	1/12/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/13/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/19/2015	97.68	5.78	NP	--	91.90	--
MW-37	1/26/2015	97.68	5.73	NP	--	91.95	--
MW-37	2/2/2015	97.68	6.23	NP	--	91.45	--
MW-37	2/9/2015	97.68	5.74	NP	--	91.94	--
MW-37	2/16/2015	97.68	5.90	NP	--	91.78	--
MW-37	2/23/2015	97.68	6.27	NP	--	91.41	--
MW-37	3/2/2015	97.68	6.35	NP	--	91.33	--
MW-37	3/9/2015	97.68	6.71	NP	--	90.97	--
MW-37	3/16/2015	97.68	6.42	NP	--	91.26	--
MW-37	3/23/2015	97.68	6.32	NP	--	91.36	--
MW-37	3/30/2015	97.68	6.42	NP	--	91.26	--
MW-37	4/6/2015	97.68	6.81	NP	--	90.87	--
MW-37	4/22/2015	97.68	7.31	NP	--	90.37	--
MW-37	5/4/2015	97.68	7.68	NP	--	90.00	--
MW-37	5/18/2015	97.68	7.90	NP	--	89.78	--
MW-37	6/1/2015	97.68	8.08	NP	--	89.60	--
MW-37	6/15/2015	97.68	8.21	NP	--	89.47	--
MW-37	6/19/2015	97.68	8.24	NP	--	89.44	--
MW-37	6/29/2015	97.68	8.60	NP	--	89.08	--
MW-37	7/13/2015	97.68	8.86	NP	--	88.82	--
MW-37	7/28/2015	97.68	9.01	NP	--	88.67	--
MW-37	8/10/2015	97.68	9.41	NP	--	88.27	--

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-37	8/24/2015	97.68	9.54	NP	--	88.14	--
MW-37	9/8/2015	97.68	9.31	NP	--	88.37	--
MW-37	9/21/2015	97.68	9.24	NP	--	88.44	--
MW-37	10/5/2015	97.68	9.26	NP	--	88.42	--
MW-37	10/12/2015	97.68	9.20	NP	--	88.48	--
MW-37	10/19/2015	97.68	9.25	NP	--	88.43	--
MW-37	11/2/2015	97.68	8.80	NP	--	88.88	--
MW-37	11/16/2015	97.68	7.63	NP	--	90.05	--
MW-37	11/30/2015	97.68	7.12	NP	--	90.56	--
MW-37	1/18/2016	97.68	6.20	NP	--	91.48	--
MW-37	2/1/2016	97.68	5.60	NP	--	92.08	--
MW-37	2/15/2016	97.68	4.95	NP	--	92.73	--
MW-37	3/7/2016	97.68	5.72	NP	--	91.96	--
MW-37	3/29/2016	97.68	5.73	NP	--	91.95	--
MW-37	4/5/2016	97.68	--	--	--	--	NG
MW-37	4/19/2016	97.68	6.35	NP	--	91.33	--
MW-37	5/10/2016	97.68	6.92	NP	--	90.76	--
MW-37	5/24/2016	97.68	7.21	NP	--	90.47	--
MW-37	6/7/2016	97.68	7.54	NP	--	90.14	--
MW-37	6/21/2016	97.68	7.37	NP	--	90.31	--
MW-37	7/19/2016	97.68	8.03	NP	--	89.65	--
MW-37	8/23/2016	97.68	8.88	NP	--	88.80	--
MW-37	9/20/2016	97.68	8.35	NP	--	89.33	--
MW-37	11/8/2016	97.68	7.80	NP	--	89.88	--
MW-37	12/6/2016	97.68	6.94	NP	--	90.74	--
MW-37	3/21/2017	97.68	5.87	NP	--	91.81	--
MW-37	4/27/2017	97.68	6.75	NP	--	90.93	--
MW-37	5/30/2017	97.68	7.58	NP	--	90.10	--
MW-37	6/28/2017	97.68	8.19	NP	--	89.49	--
MW-37	8/3/2017	97.68	8.83	NP	--	88.85	--
MW-37	8/31/2017	97.68	9.24	NP	--	88.44	--
MW-37	11/29/2017	97.68	7.96	NP	--	89.72	--
MW-37	6/12/2018	97.68	7.83	NP	--	89.85	--
MW-38	11/17/2014	--	7.93	NP	--	--	--
MW-38	11/18/2014	--	7.96	NP	--	--	--
MW-38	11/19/2014	--	7.95	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-38	12/1/2014	97.39	6.47	NP	--	90.92	--
MW-38	12/8/2014	97.39	6.24	NP	--	91.15	--
MW-38	12/15/2014	97.39	5.91	NP	--	91.48	--
MW-38	12/22/2014	97.39	5.66	NP	--	91.73	--
MW-38	12/29/2014	97.39	5.13	NP	--	92.26	--
MW-38	1/5/2015	97.39	4.59	NP	--	92.80	--
MW-38	1/12/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/13/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/19/2015	97.39	4.25	NP	--	93.14	--
MW-38	1/26/2015	97.39	4.07	NP	--	93.32	--
MW-38	2/2/2015	97.39	4.44	NP	--	92.95	--
MW-38	2/9/2015	97.39	4.12	NP	--	93.27	--
MW-38	2/16/2015	97.39	4.11	NP	--	93.28	--
MW-38	2/23/2015	97.39	4.53	NP	--	92.86	--
MW-38	3/2/2015	97.39	4.65	NP	--	92.74	--
MW-38	3/9/2015	97.39	4.98	NP	--	92.41	--
MW-38	3/16/2015	97.39	4.92	NP	--	92.47	--
MW-38	3/23/2015	97.39	4.76	NP	--	92.63	--
MW-38	3/30/2015	97.39	4.76	NP	--	92.63	--
MW-38	4/6/2015	97.39	5.13	NP	--	92.26	--
MW-38	4/22/2015	97.39	5.66	NP	--	91.73	--
MW-38	5/4/2015	97.39	5.88	NP	--	91.51	--
MW-38	5/18/2015	97.39	6.19	NP	--	91.20	--
MW-38	6/1/2015	97.39	6.52	NP	--	90.87	--
MW-38	6/15/2015	97.39	6.82	NP	--	90.57	--
MW-38	6/19/2015	97.39	6.90	NP	--	90.49	--
MW-38	6/29/2015	97.39	7.15	NP	--	90.24	--
MW-38	7/13/2015	97.39	7.41	NP	--	89.98	--
MW-38	8/10/2015	97.39	8.14	NP	--	89.25	--
MW-38	8/24/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/8/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/21/2015	97.39	8.53	NP	--	88.86	--
MW-38	10/5/2015	97.39	8.63	NP	--	88.76	--
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	--

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	11/30/2015	97.39	7.28	NP	--	90.11	--
MW-38	1/18/2016	97.39	4.98	NP	--	92.41	--
MW-38	2/1/2016	97.39	4.40	NP	--	92.99	--
MW-38	2/15/2016	97.39	3.80	NP	--	93.59	--
MW-38	3/7/2016	97.39	4.22	NP	--	93.17	--
MW-38	3/29/2016	97.39	4.23	NP	--	93.16	--
MW-38	4/5/2016	97.39	--	--	--	--	NG
MW-38	4/19/2016	97.39	4.93	NP	--	92.46	--
MW-38	5/10/2016	97.39	5.56	NP	--	91.83	--
MW-38	5/24/2016	97.39	5.87	NP	--	91.52	--
MW-38	6/7/2016	97.39	6.15	NP	--	91.24	--
MW-38	6/21/2016	97.39	6.32	NP	--	91.07	--
MW-38	7/19/2016	97.39	6.74	NP	--	90.65	--
MW-38	8/23/2016	97.39	7.43	NP	--	89.96	--
MW-38	9/20/2016	97.39	7.61	NP	--	89.78	--
MW-38	11/8/2016	97.39	7.14	NP	--	90.25	--
MW-38	12/6/2016	97.39	6.30	NP	--	91.09	--
MW-38	3/21/2017	97.39	4.05	NP	--	93.34	--
MW-38	4/27/2017	97.39	4.91	NP	--	92.48	--
MW-38	5/30/2017	97.39	5.69	NP	--	91.70	--
MW-38	6/27/2017	97.39	6.40	NP	--	90.99	--
MW-38	8/3/2017	97.39	7.23	NP	--	90.16	--
MW-38	8/31/2017	97.39	7.87	NP	--	89.52	--
MW-38	9/26/2017	97.39	8.20	NP	--	89.19	--
MW-38	11/29/2017	97.39	7.51	NP	--	89.88	--
MW-38	2/27/2018	97.39	4.01	NP	--	93.38	--
MW-38	6/12/2018	97.39	6.18	NP	--	91.21	--
MW-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	--

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	1/12/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/13/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/19/2015	97.54	4.22	NP	--	93.32	--
MW-39	1/26/2015	97.54	4.17	NP	--	93.37	--
MW-39	2/2/2015	97.54	4.68	NP	--	92.86	--
MW-39	2/9/2015	97.54	4.21	NP	--	93.33	--
MW-39	2/16/2015	97.54	4.30	NP	--	93.24	--
MW-39	2/23/2015	97.54	4.74	NP	--	92.80	--
MW-39	3/2/2015	97.54	4.82	NP	--	92.72	--
MW-39	3/9/2015	97.54	5.18	NP	--	92.36	--
MW-39	3/16/2015	97.54	4.97	NP	--	92.57	--
MW-39	3/23/2015	97.54	4.95	NP	--	92.59	--
MW-39	3/30/2015	97.54	4.98	NP	--	92.56	--
MW-39	4/6/2015	97.54	5.33	NP	--	92.21	--
MW-39	4/22/2015	97.54	5.90	NP	--	91.64	--
MW-39	5/4/2015	97.54	6.12	NP	--	91.42	--
MW-39	5/18/2015	97.54	6.44	NP	--	91.10	--
MW-39	6/1/2015	97.54	6.78	NP	--	90.76	--
MW-39	6/15/2015	97.54	7.06	NP	--	90.48	--
MW-39	6/19/2015	97.54	7.14	NP	--	90.40	--
MW-39	6/29/2015	97.54	7.40	NP	--	90.14	--
MW-39	7/13/2015	97.54	7.67	NP	--	89.87	--
MW-39	7/28/2015	97.54	8.02	NP	--	89.52	--
MW-39	8/10/2015	97.54	8.33	NP	--	89.21	--
MW-39	8/24/2015	97.54	8.62	NP	--	88.92	--
MW-39	9/8/2015	97.54	8.46	NP	--	89.08	--
MW-39	9/21/2015	97.54	8.56	NP	--	88.98	--
MW-39	10/5/2015	97.54	8.81	NP	--	88.73	--
MW-39	10/12/2015	97.54	8.80	NP	--	88.74	--
MW-39	10/19/2015	97.54	8.84	NP	--	88.70	--
MW-39	11/2/2015	97.54	8.51	NP	--	89.03	--
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	--

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
MW-39	3/29/2016	97.54	4.23	NP	--	93.31	--
MW-39	4/5/2016	97.54	--	--	--	--	NG
MW-39	4/19/2016	97.54	5.16	NP	--	92.38	--
MW-39	5/10/2016	97.54	5.80	NP	--	91.74	--
MW-39	5/24/2016	97.54	6.16	NP	--	91.38	--
MW-39	6/7/2016	97.54	6.45	NP	--	91.09	--
MW-39	6/21/2016	97.54	6.63	NP	--	90.91	--
MW-39	7/19/2016	97.54	7.01	NP	--	90.53	--
MW-39	8/23/2016	97.54	7.75	NP	--	89.79	--
MW-39	9/20/2016	97.54	7.92	NP	--	89.62	--
MW-39	11/8/2016	97.54	7.43	NP	--	90.11	--
MW-39	12/6/2016	97.54	6.65	NP	--	90.89	--
MW-39	3/21/2017	97.54	4.34	NP	--	93.20	--
MW-39	4/27/2017	97.54	5.27	NP	--	92.27	--
MW-39	5/30/2017	97.54	6.00	NP	--	91.54	--
MW-39	6/28/2017	97.54	6.76	NP	--	90.78	--
MW-39	8/3/2017	97.54	7.59	NP	--	89.95	--
MW-39	8/31/2017	97.54	8.28	NP	--	89.26	--
MW-39	11/29/2017	97.54	7.74	NP	--	89.80	--
MW-39	2/27/2018	97.54	4.23	NP	--	93.31	--
MW-39	6/12/2018	97.54	6.58	NP	--	90.96	--
MW-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	--

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	3/2/2015	97.98	5.01	NP	--	92.97	--
MW-40	3/9/2015	97.98	5.54	NP	--	92.44	--
MW-40	3/16/2015	97.98	5.42	NP	--	92.56	--
MW-40	3/23/2015	97.98	5.03	NP	--	92.95	--
MW-40	3/30/2015	97.98	5.06	NP	--	92.92	--
MW-40	4/6/2015	97.98	5.46	NP	--	92.52	--
MW-40	4/22/2015	97.98	6.08	NP	--	91.90	--
MW-40	5/4/2015	97.98	6.31	NP	--	91.67	--
MW-40	5/18/2015	97.98	6.60	NP	--	91.38	--
MW-40	6/1/2015	97.98	6.98	NP	--	91.00	--
MW-40	6/15/2015	97.98	7.22	NP	--	90.76	--
MW-40	6/19/2015	97.98	7.30	NP	--	90.68	--
MW-40	6/29/2015	97.98	7.50	NP	--	90.48	--
MW-40	7/13/2015	97.98	7.72	NP	--	90.26	--
MW-40	7/28/2015	97.98	7.96	NP	--	90.02	--
MW-40	8/10/2015	97.98	8.22	NP	--	89.76	--
MW-40	8/24/2015	97.98	8.43	NP	--	89.55	--
MW-40	9/8/2015	97.98	8.57	NP	--	89.41	--
MW-40	9/21/2015	97.98	8.60	NP	--	89.38	--
MW-40	10/5/2015	97.98	8.66	NP	--	89.32	--
MW-40	10/12/2015	97.98	8.71	NP	--	89.27	--
MW-40	10/19/2015	97.98	8.76	NP	--	89.22	--
MW-40	11/2/2015	97.98	8.67	NP	--	89.31	--
MW-40	11/16/2015	97.98	7.51	NP	--	90.47	--
MW-40	11/30/2015	97.98	6.55	NP	--	91.43	--
MW-40	1/18/2016	97.98	5.19	NP	--	92.79	--
MW-40	2/1/2016	97.98	4.54	NP	--	93.44	--
MW-40	2/15/2016	97.98	4.33	NP	--	93.65	--
MW-40	3/7/2016	97.98	4.54	NP	--	93.44	--
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	--

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	8/23/2016	97.98	7.80	NP	--	90.18	--
MW-40	9/20/2016	97.98	7.89	NP	--	90.09	--
MW-40	11/8/2016	97.98	6.77	NP	--	91.21	--
MW-40	12/6/2016	97.98	5.59	NP	--	92.39	--
MW-40	3/21/2017	97.98	4.32	NP	--	93.66	--
MW-40	4/27/2017	97.98	5.29	NP	--	92.69	--
MW-40	5/30/2017	97.98	6.05	NP	--	91.93	--
MW-40	6/28/2017	97.98	6.92	NP	--	91.06	--
MW-40	8/3/2017	97.98	7.65	NP	--	90.33	--
MW-40	8/31/2017	97.98	8.18	NP	--	89.80	--
MW-40	11/29/2017	97.98	7.40	NP	--	90.58	--
MW-40	2/27/2018	97.98	4.32	NP	--	93.66	--
MW-40	6/12/2018	97.98	6.73	NP	--	91.25	--
MW-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	--

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	5/18/2015	98.28	7.09	NP	--	91.19	--
MW-41	6/1/2015	98.28	7.81	NP	--	90.47	--
MW-41	6/15/2015	98.28	8.28	NP	--	90.00	--
MW-41	6/19/2015	98.28	8.45	NP	--	89.83	--
MW-41	6/29/2015	98.28	8.80	NP	--	89.48	--
MW-41	7/13/2015	98.28	9.16	NP	--	89.12	--
MW-41	7/28/2015	98.28	9.48	NP	--	88.80	--
MW-41	8/10/2015	98.28	9.82	NP	--	88.46	--
MW-41	8/24/2015	98.28	10.05	NP	--	88.23	--
MW-41	9/8/2015	98.28	9.44	NP	--	88.84	--
MW-41	9/21/2015	98.28	9.34	NP	--	88.94	--
MW-41	10/5/2015	98.28	9.44	NP	--	88.84	--
MW-41	10/12/2015	98.28	9.46	NP	--	88.82	--
MW-41	10/19/2015	98.28	9.49	NP	--	88.79	--
MW-41	11/2/2015	98.28	7.35	NP	--	90.93	--
MW-41	11/16/2015	98.28	3.60	NP	--	94.68	--
MW-41	11/30/2015	98.28	5.70	NP	--	92.58	--
MW-41	1/18/2016	98.28	3.45	NP	--	94.83	--
MW-41	2/1/2016	98.28	2.79	NP	--	95.49	--
MW-41	2/15/2016	98.28	2.38	NP	--	95.90	--
MW-41	3/7/2016	98.28	3.25	NP	--	95.03	--
MW-41	3/29/2016	98.28	3.24	NP	--	95.04	--
MW-41	4/5/2016	98.28	3.45	NP	--	94.83	--
MW-41	4/19/2016	98.28	5.07	NP	--	93.21	--
MW-41	5/10/2016	98.28	6.59	NP	--	91.69	--
MW-41	5/24/2016	98.28	6.98	NP	--	91.30	--
MW-41	6/7/2016	98.28	7.45	NP	--	90.83	--
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	--

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	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-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	--

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	8/10/2015	97.88	8.98	NP	--	88.90	--
MW-42	8/24/2015	97.88	9.23	NP	--	88.65	--
MW-42	9/8/2015	97.88	8.60	NP	--	89.28	--
MW-42	9/21/2015	97.88	8.55	NP	--	89.33	--
MW-42	10/5/2015	97.88	8.72	NP	--	89.16	--
MW-42	10/12/2015	97.88	8.47	NP	--	89.41	--
MW-42	10/19/2015	97.88	8.97	NP	--	88.91	--
MW-42	11/2/2015	97.88	7.99	NP	--	89.89	--
MW-42	11/16/2015	97.88	4.82	NP	--	93.06	--
MW-42	11/30/2015	97.88	5.94	NP	--	91.94	--
MW-42	1/18/2016	97.88	3.37	NP	--	94.51	--
MW-42	2/1/2016	97.88	2.82	NP	--	95.06	--
MW-42	2/15/2016	97.88	2.08	NP	--	95.80	--
MW-42	3/7/2016	97.88	3.41	NP	--	94.47	--
MW-42	3/29/2016	97.88	3.09	NP	--	94.79	--
MW-42	4/5/2016	97.88	3.22	NP	--	94.66	--
MW-42	4/19/2016	97.88	4.51	NP	--	93.37	--
MW-42	5/10/2016	97.88	5.94	NP	--	91.94	--
MW-42	5/24/2016	97.88	6.25	NP	--	91.63	--
MW-42	6/7/2016	97.88	6.68	NP	--	91.20	--
MW-42	6/21/2016	97.88	6.21	NP	--	91.67	--
MW-42	7/19/2016	97.88	7.42	NP	--	90.46	--
MW-42	8/23/2016	97.88	8.38	NP	--	89.50	--
MW-42	9/20/2016	97.88	7.56	NP	--	90.32	--
MW-42	11/8/2016	97.88	3.50	NP	--	94.38	--
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-43	11/18/2014	--	4.67	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-43	11/19/2014	--	4.79	NP	--	--	--
MW-43	12/1/2014	97.11	2.92	NP	--	94.19	--
MW-43	12/8/2014	97.11	3.06	NP	--	94.05	--
MW-43	12/15/2014	97.11	2.68	NP	--	94.43	--
MW-43	12/22/2014	97.11	2.71	NP	--	94.40	--
MW-43	12/29/2014	97.11	2.56	NP	--	94.55	--
MW-43	1/5/2015	97.11	1.95	NP	--	95.16	--
MW-43	1/12/2015	97.11	2.65	NP	--	94.46	--
MW-43	1/19/2015	97.11	2.31	NP	--	94.80	--
MW-43	1/26/2015	97.11	2.37	NP	--	94.74	--
MW-43	2/2/2015	97.11	2.81	NP	--	94.30	--
MW-43	2/9/2015	97.11	2.27	NP	--	94.84	--
MW-43	2/16/2015	97.11	2.57	NP	--	94.54	--
MW-43	2/23/2015	97.11	2.97	NP	--	94.14	--
MW-43	3/2/2015	97.11	2.86	NP	--	94.25	--
MW-43	3/9/2015	97.11	3.54	NP	--	93.57	--
MW-43	3/16/2015	97.11	2.62	NP	--	94.49	--
MW-43	3/23/2015	97.11	2.58	NP	--	94.53	--
MW-43	3/30/2015	97.11	2.81	NP	--	94.30	--
MW-43	4/6/2015	97.11	3.72	NP	--	93.39	--
MW-43	4/22/2015	97.11	5.19	NP	--	91.92	--
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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-43	11/16/2015	97.11	3.50	NP	--	93.61	--
MW-43	11/30/2015	97.11	4.64	NP	--	92.47	--
MW-43	1/18/2016	97.11	2.92	NP	--	94.19	--
MW-43	2/1/2016	97.11	2.42	NP	--	94.69	--
MW-43	2/15/2016	97.11	1.94	NP	--	95.17	--
MW-43	3/7/2016	97.11	2.94	NP	--	94.17	--
MW-43	3/29/2016	97.11	2.57	NP	--	94.54	--
MW-43	4/5/2016	97.11	2.76	NP	--	94.35	--
MW-43	4/19/2016	97.11	4.02	NP	--	93.09	--
MW-43	5/10/2016	97.11	5.47	NP	--	91.64	--
MW-43	5/24/2016	97.11	5.85	NP	--	91.26	--
MW-43	6/7/2016	97.11	6.21	NP	--	90.90	--
MW-43	6/21/2016	97.11	5.71	NP	--	91.40	--
MW-43	7/19/2016	97.11	6.88	NP	--	90.23	--
MW-43	8/23/2016	97.11	8.03	NP	--	89.08	--
MW-43	9/20/2016	97.11	7.03	NP	--	90.08	--
MW-43	11/8/2016	97.11	2.90	NP	--	94.21	--
MW-43	12/6/2016	97.11	2.69	NP	--	94.42	--
MW-43	3/21/2017	97.11	2.06	NP	--	95.05	--
MW-43	4/27/2017	97.11	3.66	NP	--	93.45	--
MW-43	5/30/2017	97.11	5.33	NP	--	91.78	--
MW-43	6/28/2017	97.11	6.52	NP	--	90.59	--
MW-43	8/3/2017	97.11	7.82	NP	--	89.29	--
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-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	--

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	1/12/2015	96.67	1.70	NP	--	94.97	--
MW-44	1/19/2015	96.67	1.55	NP	--	95.12	--
MW-44	1/26/2015	96.67	1.53	NP	--	95.14	--
MW-44	2/2/2015	96.67	1.86	NP	--	94.81	--
MW-44	2/9/2015	96.67	1.50	NP	--	95.17	--
MW-44	2/16/2015	96.67	1.66	NP	--	95.01	--
MW-44	2/23/2015	96.67	1.99	NP	--	94.68	--
MW-44	3/2/2015	96.67	1.88	NP	--	94.79	--
MW-44	3/9/2015	96.67	2.56	NP	--	94.11	--
MW-44	3/16/2015	96.67	1.74	NP	--	94.93	--
MW-44	3/23/2015	96.67	1.70	NP	--	94.97	--
MW-44	3/30/2015	96.67	1.91	NP	--	94.76	--
MW-44	4/6/2015	96.67	2.80	NP	--	93.87	--
MW-44	4/22/2015	96.67	4.34	NP	--	92.33	--
MW-44	5/4/2015	96.67	4.62	NP	--	92.05	--
MW-44	5/18/2015	96.67	5.12	NP	--	91.55	--
MW-44	6/1/2015	96.67	5.90	NP	--	90.77	--
MW-44	6/15/2015	96.67	6.37	NP	--	90.30	--
MW-44	6/19/2015	96.67	6.55	NP	--	90.12	--
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	--

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	4/5/2016	96.67	1.95	NP	--	94.72	--
MW-44	4/19/2016	96.67	3.18	NP	--	93.49	--
MW-44	5/10/2016	96.67	4.76	NP	--	91.91	--
MW-44	5/24/2016	96.67	5.19	NP	--	91.48	--
MW-44	6/7/2016	96.67	5.62	NP	--	91.05	--
MW-44	6/21/2016	96.67	5.20	NP	--	91.47	--
MW-44	7/19/2016	96.67	6.33	NP	--	90.34	--
MW-44	8/23/2016	96.67	7.29	NP	--	89.38	--
MW-44	9/20/2016	96.67	6.24	NP	--	90.43	--
MW-44	11/8/2016	96.67	1.93	NP	--	94.74	--
MW-44	12/6/2016	96.67	1.88	NP	--	94.79	--
MW-44	3/21/2017	96.67	1.57	NP	--	95.10	--
MW-44	4/27/2017	96.67	2.82	NP	--	93.85	--
MW-44	5/30/2017	96.67	4.65	NP	--	92.02	--
MW-44	6/28/2017	96.67	6.00	NP	--	90.67	--
MW-44	8/3/2017	96.67	7.16	NP	--	89.51	--
MW-44	8/31/2017	96.67	7.81	NP	--	88.86	--
MW-44	9/26/2017	96.67	8.09	NP	--	88.58	--
MW-44	11/29/2017	96.67	2.35	NP	--	94.32	--
MW-44	2/27/2018	96.67	1.86	NP	--	94.81	--
MW-44	6/12/2018	96.67	5.90	NP	--	90.77	--
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	--

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	2/16/2015	97.23	4.13	NP	--	93.10	--
MW-45	2/23/2015	97.23	4.68	NP	--	92.55	--
MW-45	3/2/2015	97.23	4.88	NP	--	92.35	--
MW-45	3/9/2015	97.23	5.32	NP	--	91.91	--
MW-45	3/16/2015	97.23	5.31	NP	--	91.92	--
MW-45	3/23/2015	97.23	5.11	NP	--	92.12	--
MW-45	3/30/2015	97.23	5.10	NP	--	92.13	--
MW-45	4/6/2015	97.23	5.43	NP	--	91.80	--
MW-45	4/22/2015	97.23	6.12	NP	--	91.11	--
MW-45	5/4/2015	97.23	6.50	NP	--	90.73	--
MW-45	5/18/2015	97.23	6.80	NP	--	90.43	--
MW-45	6/1/2015	97.23	7.15	NP	--	90.08	--
MW-45	6/15/2015	97.23	7.34	NP	--	89.89	--
MW-45	6/19/2015	97.23	7.46	NP	--	89.77	--
MW-45	6/29/2015	97.23	7.82	NP	--	89.41	--
MW-45	7/13/2015	97.23	8.12	NP	--	89.11	--
MW-45	7/28/2015	97.23	8.39	NP	--	88.84	--
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	--

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	6/21/2016	97.23	6.65	NP	--	90.58	--
MW-45	7/19/2016	97.23	7.15	NP	--	90.08	--
MW-45	8/23/2016	97.23	7.98	NP	--	89.25	--
MW-45	9/20/2016	97.23	--	--	--	--	NG
MW-45	11/8/2016	97.23	7.16	NP	--	90.07	--
MW-45	12/6/2016	97.23	6.10	NP	--	91.13	--
MW-45	3/21/2017	97.23	3.98	NP	--	93.25	--
MW-45	4/27/2017	97.23	5.09	NP	--	92.14	--
MW-45	5/30/2017	97.23	5.96	NP	--	91.27	--
MW-45	6/27/2017	97.23	6.96	NP	--	90.27	--
MW-45	8/3/2017	97.23	7.75	NP	--	89.48	--
MW-45	8/31/2017	97.23	8.48	NP	--	88.75	--
MW-45	9/26/2017	97.23	8.71	NP	--	88.52	--
MW-45	11/29/2017	97.23	7.43	NP	--	89.80	--
MW-45	2/27/2018	97.23	3.82	NP	--	93.41	--
MW-45	6/12/2018	97.23	6.50	NP	--	90.73	--
MW-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	--

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	6/1/2015	97.42	6.54	NP	--	90.88	--
MW-47	6/15/2015	97.42	6.80	NP	--	90.62	--
MW-47	6/19/2015	97.42	6.89	NP	--	90.53	--
MW-47	6/29/2015	97.42	7.10	NP	--	90.32	--
MW-47	7/13/2015	97.42	7.35	NP	--	90.07	--
MW-47	7/28/2015	97.42	7.63	NP	--	89.79	--
MW-47	8/10/2015	97.42	7.91	NP	--	89.51	--
MW-47	8/24/2015	97.42	8.16	NP	--	89.26	--
MW-47	9/8/2015	97.42	8.20	NP	--	89.22	--
MW-47	9/21/2015	97.42	8.34	NP	--	89.08	--
MW-47	10/5/2015	97.42	--	--	--	--	NG
MW-47	10/12/2015	97.42	8.52	NP	--	88.90	--
MW-47	10/19/2015	97.42	8.57	NP	--	88.85	--
MW-47	11/2/2015	97.42	8.40	NP	--	89.02	--
MW-47	11/16/2015	97.42	7.97	NP	--	89.45	--
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	--

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	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-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	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-48	10/19/2015	97.61	8.62	NP	--	88.99	--
MW-48	11/2/2015	97.61	8.51	NP	--	89.10	--
MW-48	11/16/2015	97.61	8.08	NP	--	89.53	--
MW-48	11/30/2015	97.61	7.57	NP	--	90.04	--
MW-48	1/18/2016	97.61	5.20	NP	--	92.41	--
MW-48	2/1/2016	97.61	4.61	NP	--	93.00	--
MW-48	2/15/2016	97.61	3.92	NP	--	93.69	--
MW-48	3/7/2016	97.61	4.43	NP	--	93.18	--
MW-48	3/29/2016	97.61	4.42	NP	--	93.19	--
MW-48	4/5/2016	97.61	--	--	--	--	NG
MW-48	4/19/2016	97.61	5.10	NP	--	92.51	--
MW-48	5/10/2016	97.61	5.73	NP	--	91.88	--
MW-48	5/24/2016	97.61	6.06	NP	--	91.55	--
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-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	--

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	1/26/2015	98.11	4.82	NP	--	93.29	--
MW-49	2/2/2015	98.11	5.18	NP	--	92.93	--
MW-49	2/9/2015	98.11	4.89	NP	--	93.22	--
MW-49	2/16/2015	98.11	4.88	NP	--	93.23	--
MW-49	2/23/2015	98.11	5.26	NP	--	92.85	--
MW-49	3/2/2015	98.11	5.39	NP	--	92.72	--
MW-49	3/9/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/16/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/23/2015	98.11	5.53	NP	--	92.58	--
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	--

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	5/10/2016	98.11	6.28	NP	--	91.83	--
MW-49	5/24/2016	98.11	6.63	NP	--	91.48	--
MW-49	6/7/2016	98.11	6.91	NP	--	91.20	--
MW-49	6/21/2016	98.11	7.11	NP	--	91.00	--
MW-49	7/19/2016	98.11	7.45	NP	--	90.66	--
MW-49	8/23/2016	98.11	8.08	NP	--	90.03	--
MW-49	9/20/2016	98.11	8.30	NP	--	89.81	--
MW-49	11/8/2016	98.11	8.00	NP	--	90.11	--
MW-49	12/6/2016	98.11	7.19	NP	--	90.92	--
MW-49	3/21/2017	98.11	4.95	NP	--	93.16	--
MW-49	4/27/2017	98.11	5.71	NP	--	92.40	--
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-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	--

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	5/4/2015	98.05	6.33	NP	--	91.72	--
MW-50	5/18/2015	98.05	6.63	NP	--	91.42	--
MW-50	6/1/2015	98.05	6.96	NP	--	91.09	--
MW-50	6/15/2015	98.05	7.21	NP	--	90.84	--
MW-50	6/19/2015	98.05	7.29	NP	--	90.76	--
MW-50	6/29/2015	98.05	7.50	NP	--	90.55	--
MW-50	7/13/2015	98.05	7.73	NP	--	90.32	--
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	--

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	6/27/2017	98.05	6.90	NP	--	91.15	--
MW-50	8/3/2017	98.05	7.65	NP	--	90.40	--
MW-50	8/31/2017	98.05	8.18	NP	--	89.87	--
MW-50	9/26/2017	98.05	8.52	NP	--	89.53	--
MW-50	11/29/2017	98.05	8.06	NP	--	89.99	--
MW-50	2/27/2018	98.05	4.31	NP	--	93.74	--
MW-50	6/12/2018	98.05	6.68	NP	--	91.37	--
MW-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	--

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	9/21/2015	96.86	8.40	NP	--	88.46	--
MW-51	10/5/2015	96.86	8.47	NP	--	88.39	--
MW-51	10/12/2015	96.86	8.43	NP	--	88.43	--
MW-51	10/19/2015	96.86	8.40	NP	--	88.46	--
MW-51	11/2/2015	96.86	8.00	NP	--	88.86	--
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-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	--

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	4/5/2016	97.79	--	--	--	--	NG
MW-52	4/19/2016	97.79	4.90	NP	--	92.89	--
MW-52	5/10/2016	97.79	5.63	NP	--	92.16	--
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-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	--

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	4/27/2017	96.45	--	--	--	--	WI
MW-53	5/30/2017	96.45	4.18	NP	--	92.27	--
MW-53	6/28/2017	96.45	5.27	NP	--	91.18	--
MW-53	8/3/2017	96.45	6.42	NP	--	90.03	--
MW-53	8/31/2017	96.45	7.02	NP	--	89.43	--
MW-53	9/26/2017	96.45	7.28	NP	--	89.17	--
MW-53	11/29/2017	96.45	3.92	NP	--	92.53	--
MW-53	2/27/2018	96.45	2.08	NP	--	94.37	--
MW-53	6/12/2018	96.45	5.11	5.10	0.01	91.35	--
MW-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	--
MW-54	7/16/2007	101.75	9.11	NP	--	92.64	--
MW-54	8/22/2007	101.75	--	--	--	--	Dry

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	9/25/2007	101.75	--	--	--	--	Dry
MW-54	10/25/2007	101.75	8.66	NP	--	93.09	--
MW-54	11/9/2007	101.75	8.64	NP	--	93.11	--
MW-54	12/3/2007	101.75	7.97	NP	--	93.78	--
MW-54	1/17/2008	101.75	5.94	NP	--	95.81	--
MW-54	4/7/2008	101.75	5.76	NP	--	95.99	--
MW-54	7/22/2008	101.75	8.60	NP	--	93.15	--
MW-54	10/21/2008	101.75	--	--	--	--	Dry
MW-54	3/17/2010	101.75	6.77	NP	--	94.98	--
MW-54	9/15/2010	101.75	--	--	--	--	Dry
MW-54	3/4/2011	101.75	5.02	NP	--	96.73	--
MW-54	8/24/2011	101.75	--	--	--	--	Dry
MW-54	5/10/2012	101.75	5.70	NP	--	96.05	--
MW-54	11/15/2012	101.75	--	--	--	--	DryWI
MW-54	3/27/2013	101.75	5.90	NP	--	95.85	--
MW-54	12/17/2013	101.75	--	--	--	--	Dry
MW-54	6/24/2014	101.75	--	--	--	--	Dry
MW-54	11/7/2014	101.75	7.63	NP	--	94.12	--
MW-54	11/8/2014	101.75	7.73	NP	--	94.02	--
MW-54	11/8/2014	101.75	8.59	NP	--	93.16	--
MW-54	11/9/2014	101.75	7.65	NP	--	94.10	--
MW-54	11/10/2014	101.75	7.46	NP	--	94.29	--
MW-54	11/10/2014	101.75	7.92	NP	--	93.83	--
MW-54	11/10/2014	101.75	8.31	NP	--	93.44	--
MW-54	11/10/2014	101.75	8.42	NP	--	93.33	--
MW-54	11/11/2014	101.75	7.43	NP	--	94.32	--
MW-54	11/11/2014	101.75	7.57	NP	--	94.18	--
MW-54	11/12/2014	101.75	7.45	NP	--	94.30	--
MW-54	11/13/2014	101.75	7.48	NP	--	94.27	--
MW-54	11/14/2014	101.75	7.55	NP	--	94.20	--
MW-54	11/17/2014	101.75	7.70	NP	--	94.05	--
MW-54	11/18/2014	101.75	7.74	NP	--	94.01	--
MW-54	11/19/2014	101.75	7.75	NP	--	94.00	--
MW-54	12/1/2014	99.20	6.59	NP	--	92.61	--
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	--

TABLE 1
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Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	2/15/2016	99.20	4.67	NP	--	94.53	--
MW-54	3/7/2016	99.20	5.25	NP	--	93.95	--
MW-54	3/29/2016	99.20	5.27	NP	--	93.93	--
MW-54	4/5/2016	99.20	--	--	--	--	NG
MW-54	4/19/2016	99.20	6.31	NP	--	92.89	--
MW-54	5/10/2016	99.20	7.31	NP	--	91.89	--
MW-54	5/24/2016	99.20	7.83	NP	--	91.37	--
MW-54	6/7/2016	99.20	8.23	NP	--	90.97	--
MW-54	6/21/2016	99.20	8.37	NP	--	90.83	--
MW-54	7/19/2016	99.20	--	--	--	--	Dry
MW-54	8/23/2016	99.20	--	--	--	--	Dry
MW-54	9/20/2016	99.20	--	--	--	--	Dry
MW-54	11/8/2016	99.20	7.73	NP	--	91.47	--
MW-54	12/6/2016	99.20	--	--	--	--	Dry
MW-54	3/21/2017	99.20	4.77	NP	--	94.43	Dry
MW-54	4/27/2017	99.20	6.14	NP	--	93.06	Dry
MW-54	5/30/2017	99.20	7.30	NP	--	91.90	Dry
MW-54	6/28/2017	99.20	8.49	NP	--	90.71	Dry
MW-54	8/3/2017	99.20	--	--	--	--	Dry
MW-54	8/31/2017	99.20	--	--	--	--	Dry
MW-54	11/29/2017	99.20	8.09	NP	--	91.11	--
MW-54	2/27/2018	99.20	4.87	NP	--	94.33	--
MW-54	6/12/2018	99.20	8.33	NP	--	90.87	--
MW-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
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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-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-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	--
MW-56	6/7/2016	94.83	3.92	NP	--	90.91	--
MW-56	6/21/2016	94.83	3.60	NP	--	91.23	--

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
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-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	--
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	--

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-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-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	--
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	--

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-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-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	--
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	--

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	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-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	--
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	--

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	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	--
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-62	10/5/2015	--	--	--	--	--	NG
MW-62	10/12/2015	--	6.01	NP	--	--	--
MW-62	10/19/2015	--	6.00	NP	--	--	--
MW-62	11/2/2015	94.04	5.54	NP	--	88.50	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-62	11/16/2015	94.04	2.27	NP	--	91.77	--
MW-62	11/30/2015	94.04	2.30	NP	--	91.74	--
MW-62	1/18/2016	94.04	0.15	NP	--	93.89	--
MW-62	2/1/2016	94.04	--	--	--	--	NG
MW-62	2/15/2016	94.04	--	--	--	--	NG
MW-62	3/7/2016	94.04	0.05	NP	--	93.99	--
MW-62	3/29/2016	94.04	0.00	NP	--	94.04	--
MW-62	4/5/2016	94.04	--	--	--	--	NG
MW-62	4/19/2016	94.04	1.30	NP	--	92.74	--
MW-62	5/10/2016	94.04	2.73	NP	--	91.31	--
MW-62	5/24/2016	94.04	2.95	NP	--	91.09	--
MW-62	6/7/2016	94.04	3.50	NP	--	90.54	--
MW-62	6/21/2016	94.04	3.33	NP	--	90.71	--
MW-62	7/19/2016	94.04	4.31	NP	--	89.73	--
MW-62	8/23/2016	94.04	5.10	NP	--	88.94	--
MW-62	9/20/2016	94.04	4.86	NP	--	89.18	--
MW-62	11/8/2016	94.04	2.29	NP	--	91.75	--
MW-62	12/6/2016	94.04	0.71	NP	--	93.33	--
MW-62	3/21/2017	94.04	--	--	--	--	NG
MW-62	4/27/2017	94.04	1.05	NP	--	92.99	--
MW-62	5/30/2017	94.04	2.19	NP	--	91.85	--
MW-62	6/28/2017	94.04	3.77	NP	--	90.27	--
MW-62	8/3/2017	94.04	4.88	NP	--	89.16	--
MW-62	8/31/2017	94.04	5.56	NP	--	88.48	--
MW-62	9/26/2017	94.04	5.91	NP	--	88.13	--
MW-62	11/29/2017	94.04	3.11	NP	--	90.93	--
MW-62	2/27/2018	94.04	--	--	--	--	--
MW-62	6/12/2018	94.04	3.65	NP	--	90.39	--
MW-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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-63	2/15/2016	94.75	--	--	--	--	NG
MW-63	3/7/2016	94.75	0.10	NP	--	94.65	--
MW-63	3/29/2016	94.75	0.00	NP	--	94.75	--
MW-63	4/5/2016	94.75	--	--	--	--	NG
MW-63	4/19/2016	94.75	1.81	NP	--	92.94	--
MW-63	5/10/2016	94.75	3.00	NP	--	91.75	--
MW-63	5/24/2016	94.75	3.24	NP	--	91.51	--
MW-63	6/7/2016	94.75	3.70	NP	--	91.05	--
MW-63	6/21/2016	94.75	3.66	NP	--	91.09	--
MW-63	7/19/2016	94.75	4.44	NP	--	90.31	--
MW-63	8/23/2016	94.75	5.32	NP	--	89.43	--
MW-63	9/20/2016	94.75	4.88	NP	--	89.87	--
MW-63	11/8/2016	94.75	1.56	NP	--	93.19	--
MW-63	12/6/2016	94.75	0.60	NP	--	94.15	--
MW-63	3/21/2017	94.75	--	--	--	--	NG
MW-63	4/27/2017	94.75	0.95	NP	--	93.80	--
MW-63	5/30/2017	94.75	2.61	NP	--	92.14	--
MW-63	6/28/2017	94.75	4.00	NP	--	90.75	--
MW-63	8/3/2017	94.75	5.11	NP	--	89.64	--
MW-63	8/31/2017	94.75	5.74	NP	--	89.01	--
MW-63	9/26/2017	94.75	6.04	NP	--	88.71	--
MW-63	11/29/2017	94.75	2.45	NP	--	92.30	--
MW-63	2/27/2018	94.75	--	--	--	--	--
MW-63	6/12/2018	94.75	3.92	NP	--	90.83	--
MW-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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-64	4/19/2016	93.62	1.91	NP	--	91.71	--
MW-64	5/10/2016	93.62	2.89	NP	--	90.73	--
MW-64	5/24/2016	93.62	3.19	NP	--	90.43	--
MW-64	6/7/2016	93.62	3.53	NP	--	90.09	--
MW-64	6/21/2016	93.62	3.01	NP	--	90.61	--
MW-64	7/19/2016	93.62	4.12	NP	--	89.50	--
MW-64	8/23/2016	93.62	4.98	NP	--	88.64	--
MW-64	9/20/2016	93.62	4.09	NP	--	89.53	--
MW-64	11/8/2016	93.62	1.42	NP	--	92.20	--
MW-64	12/6/2016	93.62	1.28	NP	--	92.34	--
MW-64	3/21/2017	93.62	0.95	NP	--	92.67	--
MW-64	4/27/2017	93.62	1.95	NP	--	91.67	--
MW-64	5/30/2017	93.62	2.94	NP	--	90.68	--
MW-64	6/28/2017	93.62	3.97	NP	--	89.65	--
MW-64	8/3/2017	93.62	4.93	NP	--	88.69	--
MW-64	8/31/2017	93.62	5.55	NP	--	88.07	--
MW-64	9/26/2017	93.62	5.77	NP	--	87.85	--
MW-64	11/29/2017	93.62	1.44	NP	--	92.18	--
MW-64	2/27/2018	93.62	1.20	NP	--	92.42	--
MW-64	6/12/2018	93.62	3.87	NP	--	89.75	--
MW-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	--

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	6/21/2016	96.42	4.72	NP	--	91.70	--
MW-65	7/19/2016	96.42	5.78	NP	--	90.64	--
MW-65	8/23/2016	96.42	6.65	NP	--	89.77	--
MW-65	9/20/2016	96.42	5.92	NP	--	90.50	--
MW-65	11/8/2016	96.42	2.90	NP	--	93.52	--
MW-65	12/6/2016	96.42	2.22	NP	--	94.20	--
MW-65	3/21/2017	96.42	1.59	NP	--	94.83	--
MW-65	4/27/2017	96.42	2.85	NP	--	93.57	--
MW-65	5/30/2017	96.42	4.07	NP	--	92.35	--
MW-65	6/27/2017	96.42	5.40	NP	--	91.02	--
MW-65	8/3/2017	96.42	6.48	NP	--	89.94	--
MW-65	9/26/2017	96.42	7.32	NP	--	89.10	--
MW-65	11/29/2017	96.42	3.38	NP	--	93.04	--
MW-65	2/27/2018	96.42	2.21	NP	--	94.21	--
MW-65	6/12/2018	96.42	5.25	NP	--	91.17	--
MW-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	--

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	12/6/2016	95.74	1.44	NP	--	94.30	--
MW-66	3/21/2017	95.74	1.12	NP	--	94.62	--
MW-66	4/27/2017	95.74	2.40	NP	--	93.34	--
MW-66	5/30/2017	95.74	3.92	NP	--	91.82	--
MW-66	6/27/2017	95.74	5.25	NP	--	90.49	--
MW-66	8/3/2017	95.74	6.28	NP	--	89.46	--
MW-66	8/31/2017	95.74	6.90	NP	--	88.84	--
MW-66	9/26/2017	95.74	7.22	NP	--	88.52	--
MW-66	11/29/2017	95.74	2.30	NP	--	93.44	--
MW-66	2/27/2018	95.74	1.54	NP	--	94.20	--
MW-66	6/12/2018	95.74	5.12	NP	--	90.62	--
MW-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-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	--

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-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-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-71	11/8/2016	93.62	2.29	NP	--	91.33	--
MW-71	12/6/2016	93.62	2.02	NP	--	91.60	--
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	--

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	2/27/2018	93.62	2.38	NP	--	91.24	--
MW-71	6/12/2018	93.62	4.38	NP	--	89.24	--
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	--	--	--
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	--	--	--

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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-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-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	--	--	--
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	--	--	--

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	2/16/2015	--	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	--	--	--
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	--	--	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-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-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	--	--	--
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

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

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	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-4	6/23/1992	99.94	6.21	NP	--	93.73	--
PW-4	7/2/1992	99.94	5.76	NP	--	94.18	--
PW-4	8/17/1992	99.94	6.28	NP	--	93.66	--
PW-4	9/30/1992	99.94	6.66	NP	--	93.28	--
PW-4	10/30/1992	99.94	6.30	NP	--	93.64	--
PW-4	11/30/1992	99.94	4.04	NP	--	95.90	--
PW-4	4/16/1993	99.94	4.63	NP	--	95.31	--
PW-4	10/3/2000	99.94	7.21	7.19	0.02	92.74	--
PW-4	2/28/2001	99.94	4.70	NP	--	95.24	--
PW-4	5/30/2001	99.94	5.37	NP	--	94.57	--
PW-4	8/22/2001	99.94	7.31	7.23	0.08	92.69	--
PW-4	11/21/2001	99.94	4.94	NP	--	95.00	--
PW-4	2/20/2002	99.94	3.85	NP	--	96.09	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	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	--
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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	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	--
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	--

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	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-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	--	--	--

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-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	--	--	--
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

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
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	--	--	--
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-6	1/20/2009	--	4.98	NP	--	--	--
PW-6	3/17/2010	--	6.66	NP	--	--	--

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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-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	--	--	--
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	--	--	--

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	9/26/2017	--	9.67	NP	--	--	--
PW-6	11/29/2017	--	6.30	NP	--	--	--
PW-6	2/27/2018	--	4.92	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	--
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	--

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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
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	--
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	--

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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
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	--
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

TABLE 1
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
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
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-3	11/17/2014	--	8.73	8.70	0.03	--	--
RW-3	11/18/2014	--	9.70	NP	--	--	--

TABLE 1
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Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
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	--
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

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-3	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	--
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	--

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	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	--
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

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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-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-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	--	--

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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-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
RW-5	11/2/2015	--	--	--	--	--	WI
RW-5	11/16/2015	--	--	--	--	--	NG
RW-5	11/30/2015	--	--	--	--	--	--
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	--

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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	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	--
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	--

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

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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
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
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	--

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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-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-8	1/5/2015	--	--	--	--	--	NG
RW-8	1/12/2015	--	--	--	--	--	NG
RW-8	1/13/2015	97.16	2.90	NP	--	94.26	--
RW-8	1/14/2015	97.16	3.02	NP	--	94.14	--
RW-8	1/19/2015	97.16	2.30	NP	--	94.86	--
RW-8	1/26/2015	97.16	2.21	NP	--	94.95	--
RW-8	2/2/2015	97.16	3.09	NP	--	94.07	--
RW-8	2/9/2015	97.16	2.13	NP	--	95.03	--
RW-8	2/16/2015	97.16	2.51	NP	--	94.65	--
RW-8	2/23/2015	97.16	3.11	NP	--	94.05	--
RW-8	3/2/2015	97.16	3.01	NP	--	94.15	--
RW-8	3/9/2015	97.16	3.61	NP	--	93.55	--
RW-8	3/16/2015	97.16	2.67	NP	--	94.49	--
RW-8	3/23/2015	97.16	2.61	NP	--	94.55	--
RW-8	3/30/2015	97.16	2.78	NP	--	94.38	--
RW-8	4/6/2015	97.16	3.47	NP	--	93.69	--
RW-8	4/7/2015	97.16	3.81	NP	--	93.35	--
RW-8	4/22/2015	97.16	4.45	NP	--	92.71	--
RW-8	5/4/2015	97.16	4.69	NP	--	92.47	--
RW-8	5/18/2015	97.16	5.14	NP	--	92.02	--

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	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	--
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	--

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	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-9	1/5/2015	--	--	--	--	--	NG
RW-9	1/12/2015	--	--	--	--	--	NG
RW-9	1/13/2015	97.60	4.10	NP	--	93.50	--
RW-9	1/14/2015	97.60	4.14	NP	--	93.46	--
RW-9	1/19/2015	97.60	3.90	NP	--	93.70	--
RW-9	1/26/2015	97.60	3.79	NP	--	93.81	--
RW-9	2/2/2015	97.60	4.22	NP	--	93.38	--
RW-9	2/9/2015	97.60	3.77	NP	--	93.83	--
RW-9	2/16/2015	97.60	3.80	NP	--	93.80	--
RW-9	2/23/2015	97.60	4.23	NP	--	93.37	--
RW-9	3/2/2015	97.60	4.28	NP	--	93.32	--
RW-9	3/9/2015	97.60	5.61	NP	--	91.99	--
RW-9	3/16/2015	97.60	4.50	NP	--	93.10	--
RW-9	3/23/2015	97.60	4.28	NP	--	93.32	--
RW-9	3/30/2015	97.60	4.21	NP	--	93.39	--
RW-9	4/6/2015	97.60	4.57	NP	--	93.03	--
RW-9	4/7/2015	97.60	4.68	NP	--	92.92	--
RW-9	4/22/2015	97.60	5.88	NP	--	91.72	--
RW-9	5/4/2015	97.60	5.48	NP	--	92.12	--
RW-9	5/18/2015	97.60	5.84	NP	--	91.76	--
RW-9	6/1/2015	97.60	6.31	NP	--	91.29	--
RW-9	6/15/2015	97.60	--	--	--	--	Dry
RW-9	6/19/2015	97.60	6.36	NP	--	91.24	--
RW-9	6/29/2015	97.60	--	--	--	--	Dry
RW-9	7/13/2015	97.60	6.40	NP	--	91.20	--
RW-9	7/28/2015	97.60	--	--	--	--	Dry
RW-9	8/10/2015	97.60	--	--	--	--	Dry
RW-9	8/24/2015	97.60	--	--	--	--	Dry
RW-9	9/8/2015	97.60	--	--	--	--	WI
RW-9	9/21/2015	97.60	--	--	--	--	NG
RW-9	10/5/2015	97.60	--	--	--	--	WI

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	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
SRW-1	6/23/1992	99.19	8.00	NP	--	91.19	--
SRW-1	7/2/1992	99.19	7.85	NP	--	91.34	--
SRW-1	8/17/1992	99.19	8.37	NP	--	90.82	--
SRW-1	9/30/1992	99.19	8.38	8.36	0.02	90.83	--
SRW-1	10/30/1992	99.19	8.26	NP	--	90.93	--
SRW-1	11/30/1992	99.19	6.80	NP	--	92.39	--
SRW-1	4/16/1993	99.19	6.94	NP	--	92.25	--
SRW-1	10/3/2000	99.19	8.05	NP	--	91.14	--
SRW-1	2/28/2001	99.19	6.50	6.49	0.01	92.70	--
SRW-1	5/30/2001	99.19	7.09	NP	--	92.10	--
SRW-1	8/22/2001	99.19	7.19	7.18	0.01	92.01	--
SRW-1	11/21/2001	99.19	6.21	NP	--	92.98	--
SRW-1	2/20/2002	99.19	--	--	--	--	NG
SRW-1	5/16/2002	99.19	--	--	--	--	NG
SRW-1	8/2/2002	99.19	7.33	7.32	0.01	91.87	--
SRW-1	12/19/2002	99.19	7.40	NP	--	91.79	--
SRW-1	5/19/2003	99.19	7.02	NP	--	92.17	--
SRW-1	11/13/2003	99.19	7.27	NP	--	91.92	--
SRW-1	6/4/2004	99.19	6.86	NP	--	92.33	--
SRW-1	10/7/2004	99.19	7.13	NP	--	92.06	--
SRW-1	4/28/2005	99.19	6.05	NP	--	93.14	--
SRW-1	11/16/2005	99.19	6.65	NP	--	92.54	--
SRW-1	6/13/2006	99.19	7.15	NP	--	92.04	--
SRW-1	2/26/2007	99.19	4.25	NP	--	94.94	--
SRW-1	5/9/2007	99.19	6.42	NP	--	92.77	--
SRW-1	7/16/2007	99.19	7.77	NP	--	91.42	--
SRW-1	8/22/2007	99.19	8.21	NP	--	90.98	--
SRW-1	9/25/2007	99.19	9.42	NP	--	89.77	--
SRW-1	10/25/2007	99.19	7.46	NP	--	91.73	--

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	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	--	--	--
CREEK	11/9/2014	--	11.93	NP	--	--	--
CREEK	11/10/2014	--	--	--	--	--	NG
CREEK	11/11/2014	--	--	--	--	--	NG
CREEK	11/12/2014	--	--	--	--	--	NG
CREEK	11/13/2014	--	--	--	--	--	NG
CREEK	11/19/2014	--	--	--	--	--	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

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

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

CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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

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

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

Table 2
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16292 Ovenell Road
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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
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

Table 2
Groundwater Analytical Data
Allen Pump Station
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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	--	--
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-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

Table 2
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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
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

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

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

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

Table 2
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-20	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	6/27/2017	20	< 2.0	< 3.0	< 3.0	< 500	530	< 250
MW-20	9/26/2017	64	< 2.0	< 3.0	< 3.0	860	600	370
MW-20	11/28/2017	2.5	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-20	2/27/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 350
MW-20	6/13/2018	< 15	< 10	< 15	< 15	370	310	< 350
MW-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-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

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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
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

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

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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-31	1/12/2015	3300	690	3300	17000	69000	4100	< 240
MW-31	4/6/2015	2500	590	2800	18000	60000	3100 Y	< 240
MW-31	7/13/2015	1500 H	530 H	2500 H	13000 H	72000 H	2400 Y	< 250
MW-31	10/20/2015	2200	630	2800	15000	57000	2100	< 250
MW-31	1/19/2016	2100	580	2200	11000	58000	4500	390
MW-31	4/20/2016	2400 H	< 1000H	3000 H	15000 H	60000	5300	290
MW-31	7/19/2016	2300	570	3000	16000	56000	2600	320
MW-31	11/9/2016	2000	470	2100	9200	46000	3500	390
MW-31	3/22/2017	1900 H	450 H	2900 H	12000 H	59000 H	4100	< 250
MW-31	6/28/2017	1800	420	2700	12000	56000 H	3200	< 260
MW-31	9/28/2017	2900	530	2600	11000	66000	3300	< 250
MW-32	11/18/2014	29	< 10	1600	150	13000	1300	< 250
MW-32	1/13/2015	5.5	2.9	860	39	11000	2200	< 240
MW-32	4/6/2015	4.9	4.9	1300	46	15000 B	2800 Y	< 240
MW-32	7/14/2015	< 20	< 20F1	970 H	< 30	9800	990 Y	< 250
MW-32	4/20/2016	21	11	1200 H	29	14000	5000	< 250
MW-32	7/19/2016	25	5.6	1100	36	14000	3300	< 250
MW-32	11/8/2016	45	< 20	1400	< 30	11000	3200	< 250
MW-32	3/22/2017	28 H	< 20H	520 H	< 30H	9700 H	3600	< 250
MW-32	6/27/2017	41	6.0	1000	21	12000	4200	< 250
MW-32	9/28/2017	32	< 10	880	< 15	11000	2200	< 250
MW-35	1/14/2015	15000	8700	2900	12000	74000	3100	< 250
MW-35	4/6/2015	12000	11000	2700	17000	80000	3400 Y	< 240
MW-35	7/13/2015	8000 HE	2600 H	2200 H	11000 H	60000 H	4100 Y	< 250
MW-35	10/20/2015	10000	2100	2800	9600	46000	2900	< 250
MW-35	1/19/2016	9400	4600	2200	11000	55000	4600	280
MW-35	4/19/2016	11000	6800	2700	13000	71000	5100	250
MW-35	7/19/2016	12000	18000	2800	13000	82000	4900	< 250
MW-35	11/9/2016	10000	5700	2500	11000	59000	5300	280
MW-35	3/22/2017	11000 H	10000 H	2800 H	8900 H	91000 H	6100	< 250
MW-35	6/28/2017	9600 E	10000 E	2600	13000	84000 H	6700	< 250
MW-35	9/28/2017	11000	1000	2100	7600	69000	3700	< 250
MW-35	11/28/2017	8800	580	1900	8000	48000	4100	< 250
MW-35	2/27/2018	12000 *	3700	3000	14000 *	110000	4800	< 350

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

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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-39	11/18/2014	9.6	12	12	44	430	430	< 250
MW-39	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	72	< 120	< 240
MW-39	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190 Y	< 260
MW-39	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	110 Y	< 250
MW-39	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	57	< 110	< 250
MW-39	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-39	11/28/2017	< 2.0*	< 2.0	< 3.0	< 3.0	< 250	100	< 250
MW-39	2/27/2018	5.7 *	< 2.0	4.5 *	23 *	< 250	230	< 360
MW-39	6/13/2018	< 3.0	< 2.0	< 3.0F1	< 3.0F1	< 250	190 F1F2	< 350
MW-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

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

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

Table 2
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-44	11/9/2016	5.1	4.3	590	82	7500	1700	< 250
MW-44	3/22/2017	< 20H	5.5	580 H	91	8000 H	1800	< 250
MW-44	6/28/2017	11	4.7	580 H	54	7100	< 100	< 250
MW-44	9/27/2017	76	< 10	550	19	8900	1300	< 250
MW-44	11/29/2017	< 20	< 20	480	48	7200	1600	< 250
MW-44	2/28/2018	7.2 *	< 200	630	72 *	6200	1700	< 360
MW-44	6/12/2018	13	3.1	810	69	5800	2200	< 360
MW-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-47	1/13/2015	1.2	< 1.0	< 1.0	< 3.0	430	1600	< 240
MW-47	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-47	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	200 H	120 Y	< 250
MW-47	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	280	< 110	< 250
MW-47	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	51	120	< 250
MW-47	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	51	< 110*	< 250*
MW-47	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 250
MW-47	3/21/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-48	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	310	180	< 240
MW-48	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	160	< 110	< 250
MW-48	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-48	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110F2F1	< 250
MW-48	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

Table 2
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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
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*

Table 2
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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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

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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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-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-56	10/20/2015	< 200	< 200	2400	9200	41000 H	3300 F1	< 250F1
MW-56	1/19/2016	5.0	12	< 300	870	6100	1200	< 250
MW-56	4/20/2016	38	82	1900 H	7800 H	40000	4100	< 250
MW-56	7/20/2016	51	130	2200	9200	48000	3500 *	< 250*
MW-56	11/10/2016	19	45	740	3000	10000	1400	< 250
MW-56	3/23/2017	4.8 H	21 H	450 H	2000 H	10000	670	< 250
MW-56	6/28/2017	19	79	1600 H	7200 H	36000 H	2900 *	< 250*
MW-56	9/27/2017	< 100	110	2400	11000	49000	2800	< 250
MW-56	11/29/2017	< 40	< 40	680	3700	17000	1000	< 250
MW-56	2/28/2018	33	34	< 600*	2500 *	18000	1100	< 350
MW-56	6/13/2018	66	100	2500	9400	46000	3500	< 360
MW-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

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CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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-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-59	10/20/2015	2.7	43	< 3.0	< 3.0	2100	660	< 250
MW-59	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	3700	9500	970
MW-59	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2500	6000	280
MW-59	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2300	11000	1500
MW-59	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	2700 H	6600 *	590 *
MW-59	9/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	1200	8000	1000
MW-59	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	2600	9200	1400
MW-59	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	2300 *	13000	1300
MW-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-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

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

CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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-62	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110H	< 250H
MW-62	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260
MW-62	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260
MW-62	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50	< 110	< 250
MW-62	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	< 100*	< 250*
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-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-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

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

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

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

CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
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-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-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-71	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 260
MW-71	3/22/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 260
MW-71	6/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500H	280	< 250
MW-71	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	150	< 250
MW-71	11/28/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	< 100	< 250
MW-71	2/28/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 360
MW-71	6/12/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	200	< 350
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

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

CONSTITUENT		B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800¹	500	500
IW-1	3/21/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 260
IW-1	6/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	160	< 250
IW-1	9/26/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	< 100	< 250
SRW-1	7/16/2007	27.6	1.15	0.801	1.09	316	4430	< 472
SRW-1	10/25/2007	1.43	< 0.5	< 0.5	< 1	< 50	4830	< 476
SRW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	170	160	--
PW-3	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
PW-6	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 243	< 485
AG WELL	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 260
AG WELL	3/23/2017	< 2.0H	< 2.0H	< 3.0H	< 3.0H	< 50H	< 110	< 250
AG WELL	6/28/2017	< 2.0	2.1	< 3.0	< 3.0	< 500H	< 100	< 250
AG WELL	9/27/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 500	140	250
AG WELL	11/29/2017	< 2.0	< 2.0	< 3.0	< 3.0	< 250	460	400
AG WELL	2/28/2018	< 3.0*	< 2.0*	< 3.0*	< 3.0*	< 250	< 110	< 350
AG WELL	6/13/2018	< 3.0	< 2.0	< 3.0	< 3.0	< 250	< 110	< 360

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

CONSTITUENT	B	T	E	X	TPH-G	TPH-D	TPH-O
UNIT	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MTCA METHOD A CLEANUP LEVELS	5	1000	700	1000	1000/800¹	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.

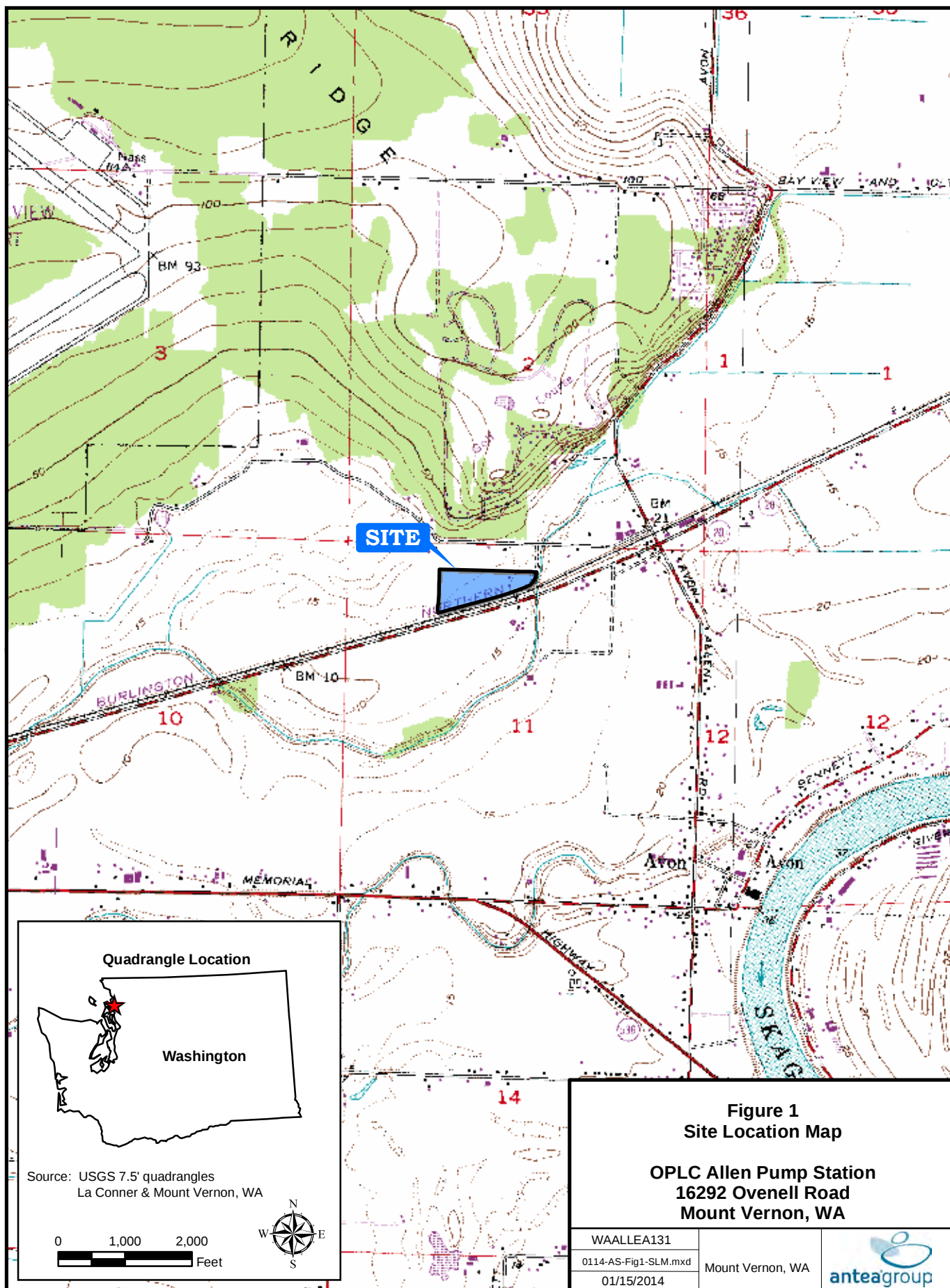
F2 = MS/MSD RPD exceeds control limits

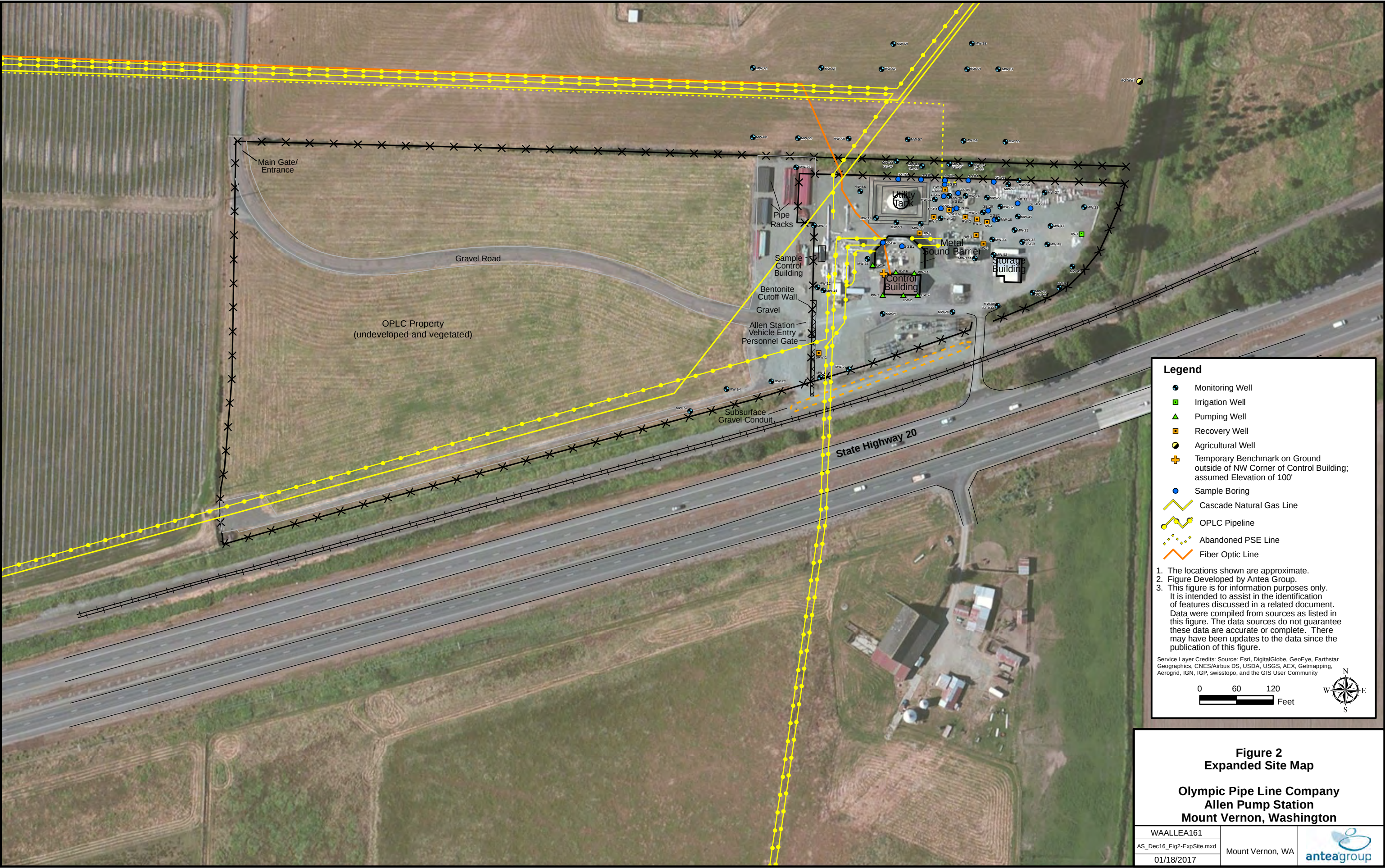
H = Sample was prepped or analyzed beyond the specified holding time

Y = The chromatographic response resembles a typical fuel pattern.

Figures

Figure 1	Site Location Map
Figure 2	Expanded Site Map
Figure 3a	Groundwater Analytical Data Map - February 27-28, 2018
Figure 3b	Groundwater Analytical Data Map - February 27-28, 2018
Figure 3c	Potentiometric Surface Map - February 27, 2018
Figure 4a	Groundwater Analytical Data Map - June 12-13, 2018
Figure 4b	Groundwater Analytical Data Map - June 12-13, 2018
Figure 4c	Potentiometric Surface Map - June 12, 2018





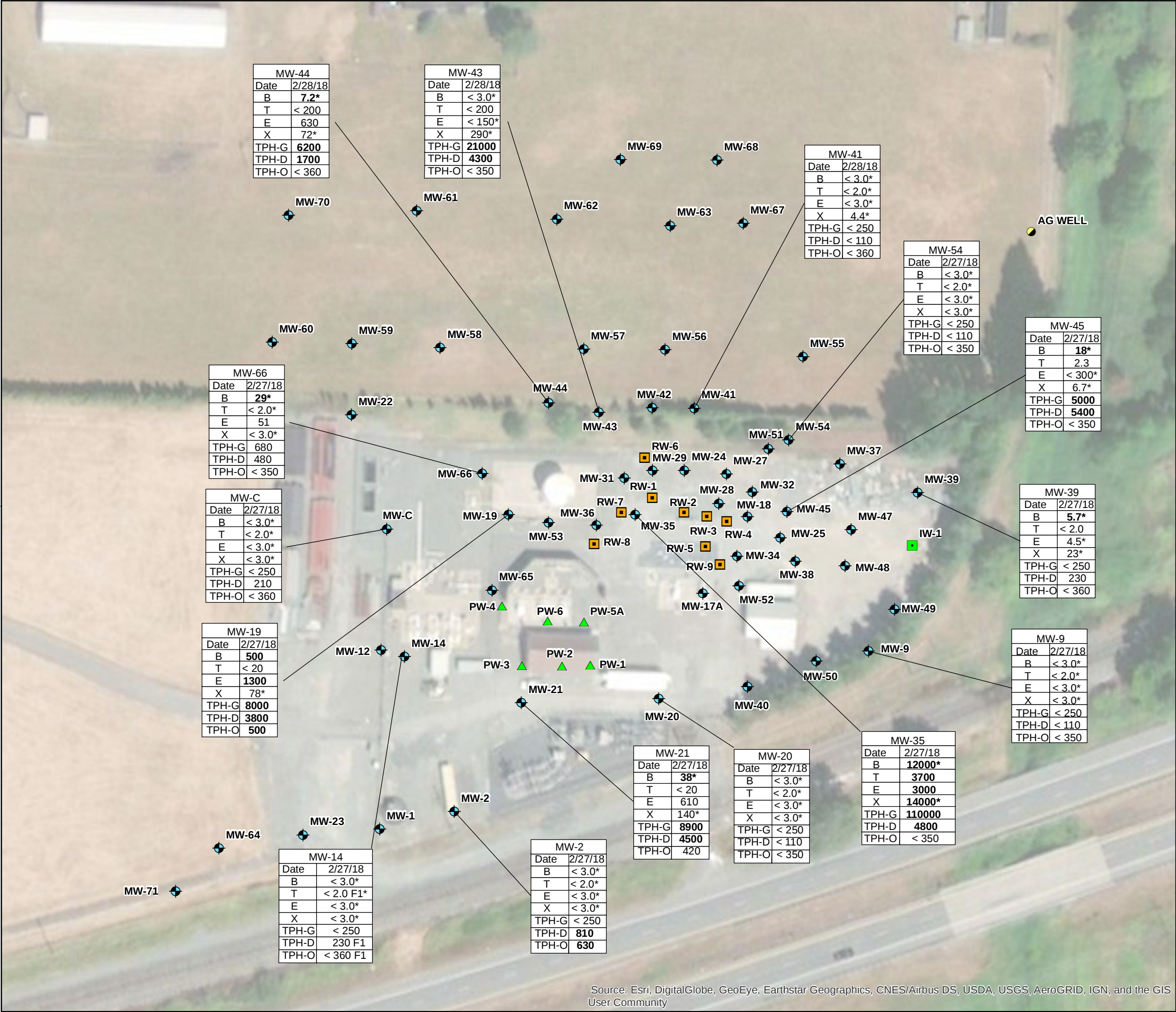


FIGURE 3a

Groundwater Analytical Data Map

February 27-28, 2018

Olympic Pipe Line Company

Allen Pump Station

Mount Vernon, Washington

PROJECT NO.	PREPARED BY	REF SCALE	
WAALLAA181	JH	1:960	
DATE	REVIEWED BY	MAP SCALE	
07/24/2018	BE	1 inch = 80 feet	

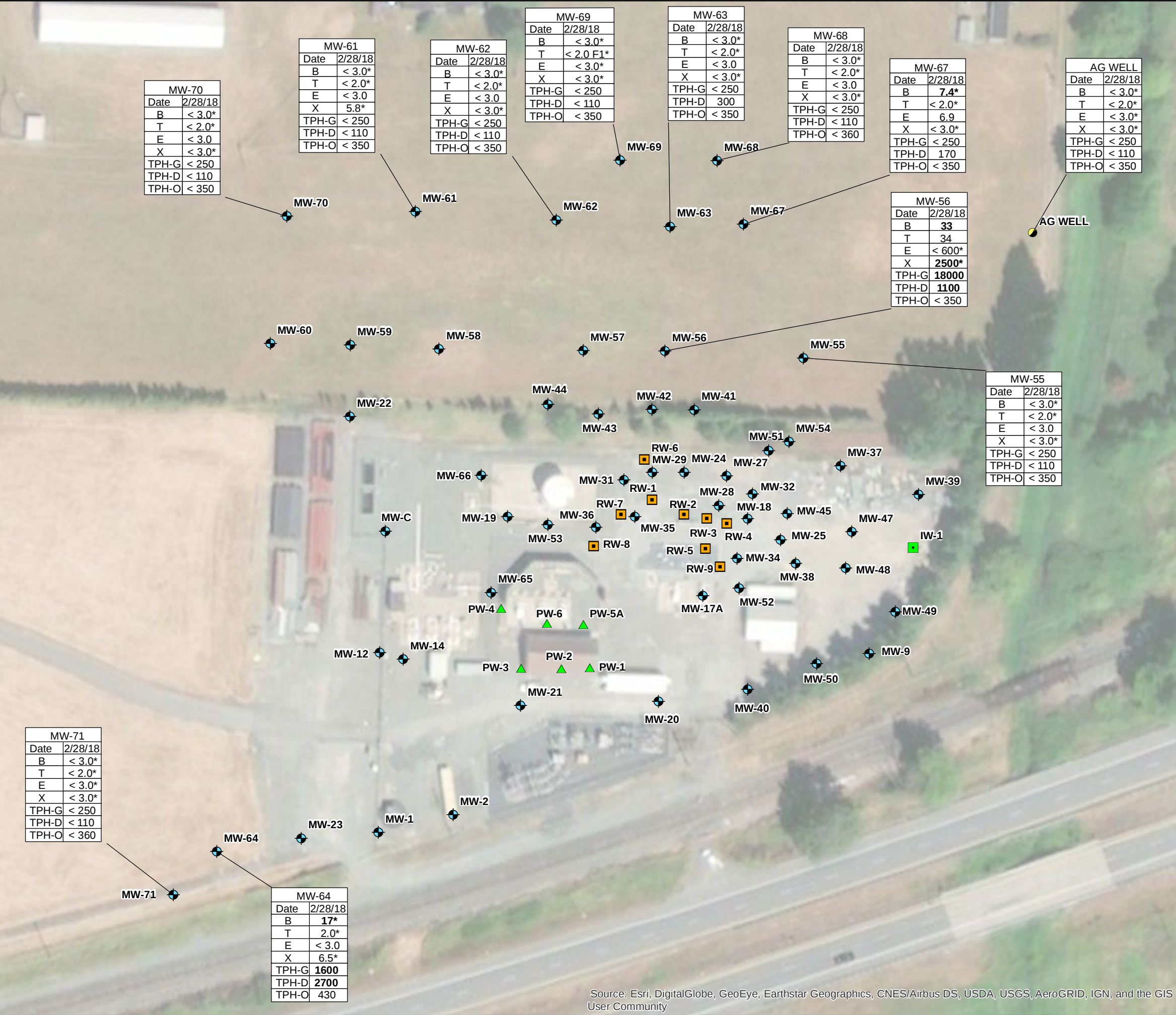
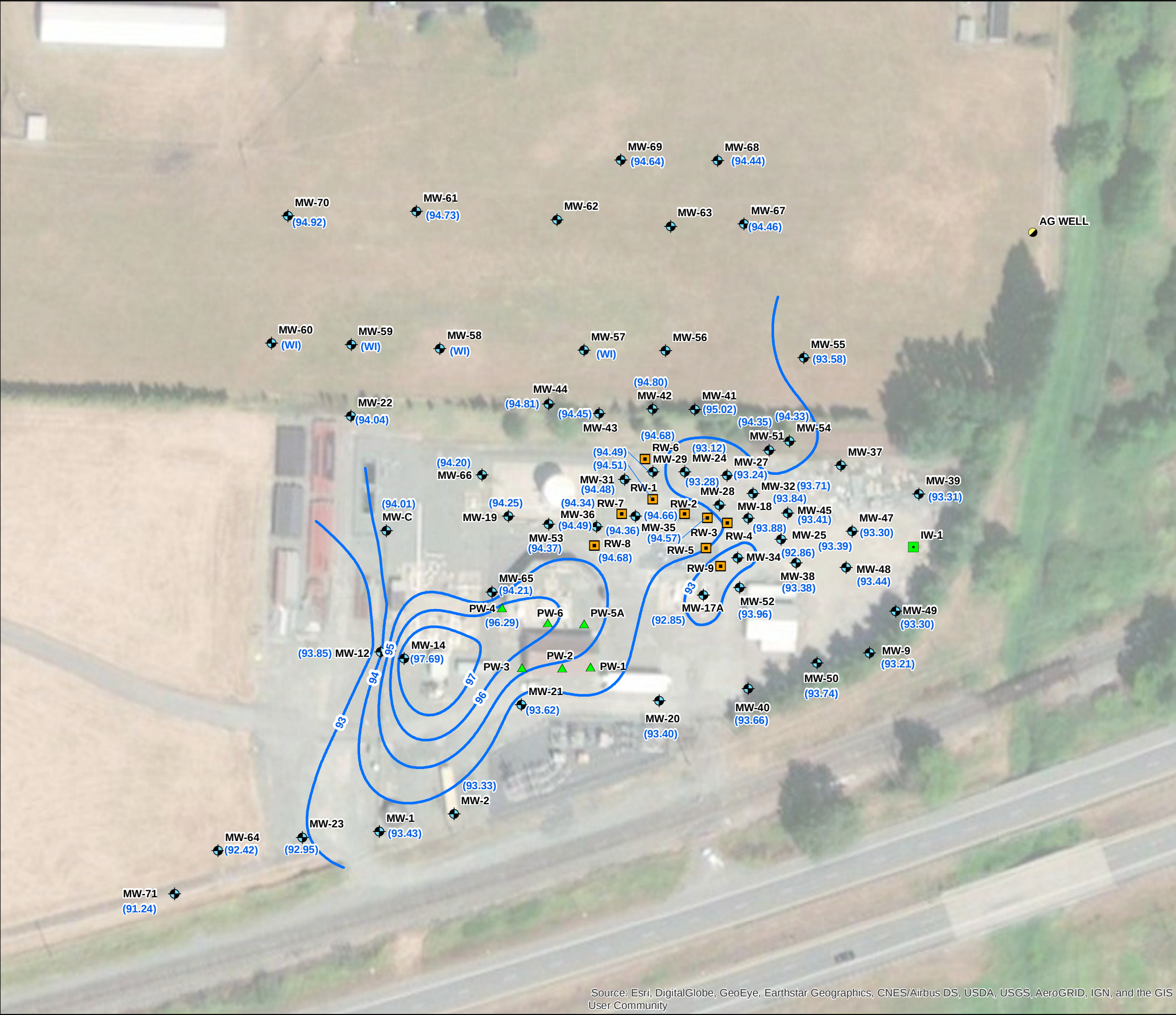


FIGURE 3b
Groundwater Analytical Data Map
February 27-28, 2018
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA181	PREPARED BY JH	REF SCALE 1:960
DATE 10/15/18	REVIEWED BY BE	MAP SCALE 1 inch = 80 feet

anteagroup



- Legend**
- Monitoring Well
 - Irrigation Well
 - Pumping Well
 - Recovery Well
 - Agricultural Well
 - Groundwater Elevation Contour (feet)
Contour Interval = 1 foot
 - (93.58) Groundwater Elevation (feet)
 - (WI) Well Inaccessible

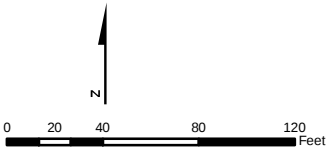
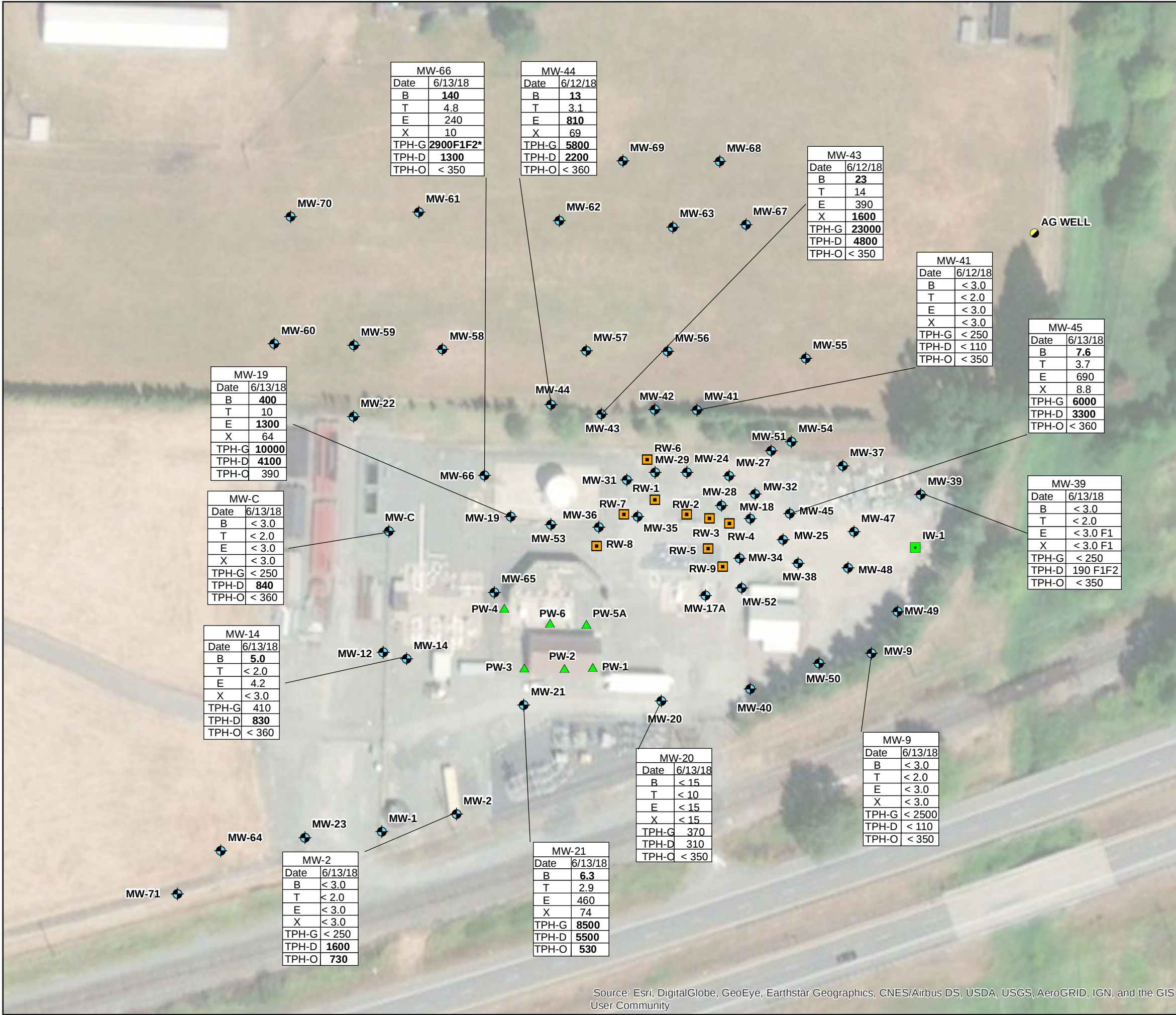


FIGURE 3c
Potentiometric Surface Map
February 27, 2018
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA181	PREPARED BY JH	REF SCALE 1:960	
DATE 08/09/2018	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.
MTCA = Model Toxics Control Act
BOLD = concentrations in excess of MTCA Method A Cleanup Levels
* = LCS or LCSD is outside acceptance limits.
F1 = MS and/or MSD Recovery is outside acceptance limits.
F2 = MS/MSD RPD exceeds control limits

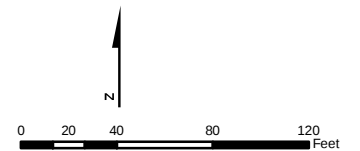


FIGURE 4a
Groundwater Analytical Data Map
June 12-13, 2018
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA181	PREPARED BY JH	REF SCALE 1:960	
DATE 08/09/18	REVIEWED BY BE	MAP SCALE 1 inch = 80 feet	

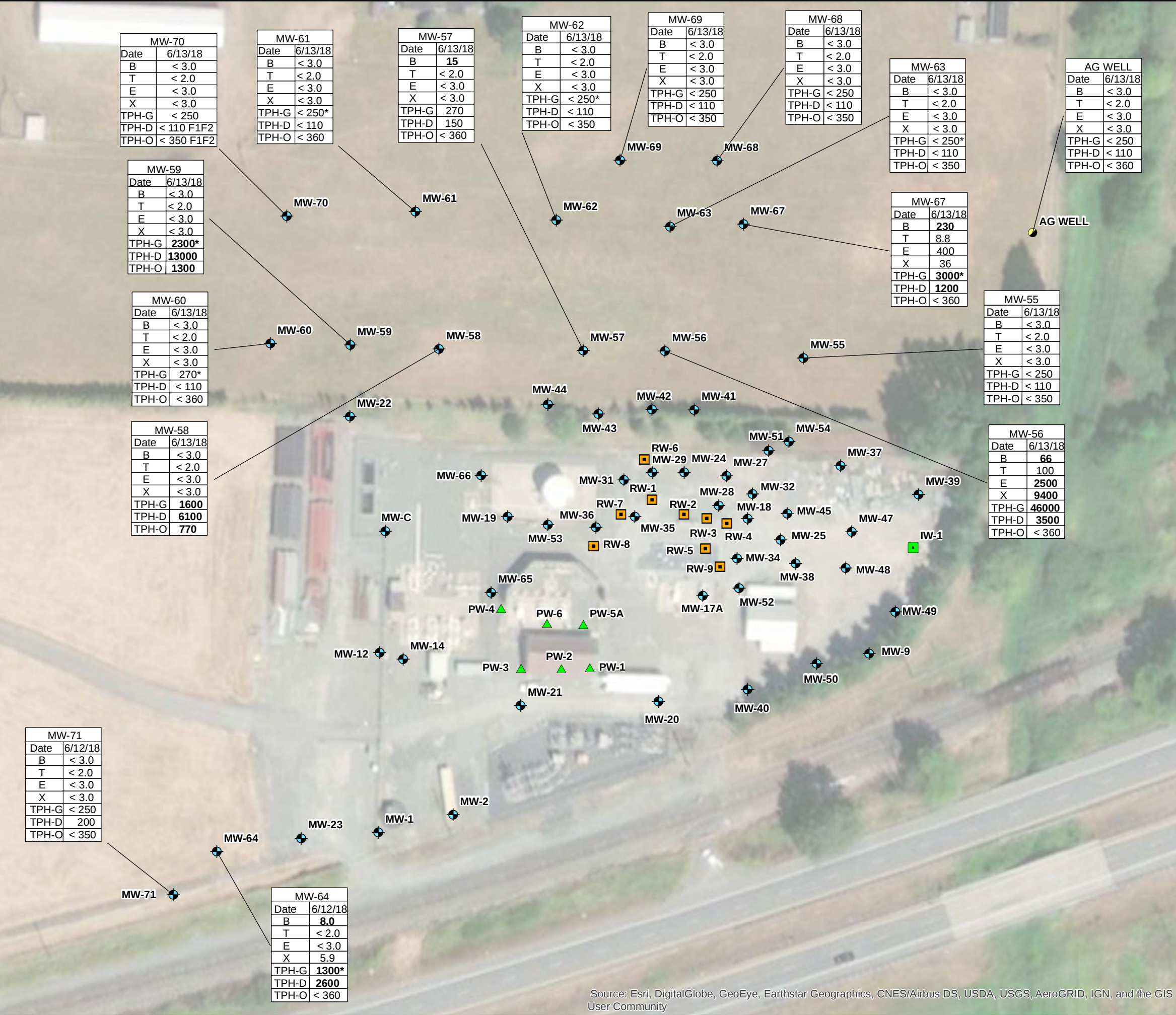


FIGURE 4b
Groundwater Analytical Data Map
June 12-13, 2018
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

PROJECT NO. WAALLAA181	PREPARED BY JH	REF SCALE 1:960	
DATE 08/09/2018	REVIEWED BY BE	MAP SCALE 1 inch = 80 feet	

Appendix A

Analytical Lab Reports and Chain-of-Custody Documentation

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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

TestAmerica Job ID: 580-75448-1

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:
3/14/2018 2:54:04 PM

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

LINKS

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results through
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Have a Question?



Visit us at:
www.testamericainc.com

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

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

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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 Chain of Custody is included and is an integral part of this report.



Elaine Walker
Project Manager II
3/14/2018 2:54:04 PM

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Case Narrative

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

TestAmerica Job ID: 580-75448-1

Job ID: 580-75448-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative 580-75448-1

Receipt

Thirty-two samples were received on 3/1/2018 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 2.6° C, 3.1° C, 4.9° C and 4.9° 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 580-268531 recovered outside control limits for the following analytes: Benzene, m-Xylene & p-Xylene, Xylene Total, and Toluene. The LCS and LCSD recoveries met acceptance limits.

Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 580-268628 recovered outside control limits for the following analytes: Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene, o-Xylene, and Xylene Total. The LCS and LCSD recoveries met acceptance limits.

Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 580-268740 recovered outside control limits for the following analytes: Benzene, Ethylbenzene, m-Xylene & p-Xylene, and Xylene Total. The LCS and LCSD recoveries met acceptance limits.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20180227 (580-75448-5), MW-21_20180227 (580-75448-7), MW-35_20180227 (580-75448-8), MW-43_20180228 (580-75448-11) and MW-44_20180228 (580-75448-12). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 580-268844 recovered outside control limits for the following analytes: Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene, o-Xylene, and Xylene Total.

Method(s) 8260C: The laboratory control sample duplicate (LCSD) for analytical batch 580-268844 recovered outside control limits for the following analytes: Benzene and Toluene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch analytical batch 580-268969 recovered outside control limits for the following analytes: Ethylbenzene, m-Xylene & p-Xylene, o-Xylene, and Xylene Total.

Method(s) 8260C: The laboratory control sample duplicate (LCSD) for analytical batch 580-268969 recovered outside control limits for the following analytes: o-Xylene and Xylenes, Total. These analytes were biased high in the LCSD and were detected in the associated samples. The samples have been run multiple times at the same dilution and the results have been verified.

Method(s) NWTPH-Gx: Surrogate recovery for the following samples were outside control limits: MW-19_20180227 (580-75448-5), MW-21_20180227 (580-75448-7), MW-43_20180228 (580-75448-11), MW-44_20180228 (580-75448-12), MW-45_20180227 (580-75448-13), MW-56_20180228 (580-75448-16) and MW-64_20180228 (580-75448-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-35_20180227 (580-75448-8). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: C_20180227 (580-75448-1), MW-2_20180227 (580-75448-2), MW-14_20180227 (580-75448-4) and MW-39_20180227 (580-75448-9).

Case Narrative

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

TestAmerica Job ID: 580-75448-1

Job ID: 580-75448-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

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_20180227 (580-75448-5), MW-21_20180227 (580-75448-7), MW-35_20180227 (580-75448-8), MW-43_20180228 (580-75448-11), MW-44_20180228 (580-75448-12) and MW-56_20180228 (580-75448-16).

Method(s) NWTPH-Dx: Surrogate recovery for the following samples were outside control limits: MW-63_20180228 (580-75448-19) and AG-WELL_20180228 (580-75448-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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: 580-75448-1

Qualifiers

GC/MS VOA

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

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

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

Glossary

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

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: C_20180227

Date Collected: 02/27/18 09:30

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-1

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			03/08/18 22:06	1
Toluene	ND	*	2.0		ug/L			03/08/18 22:06	1
Ethylbenzene	ND	*	3.0		ug/L			03/08/18 22:06	1
Xylenes, Total	ND	*	3.0		ug/L			03/08/18 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/08/18 22:06	1
Toluene-d8 (Surr)	104		80 - 122		03/08/18 22:06	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		03/08/18 22:06	1
4-Bromofluorobenzene (Surr)	102		75 - 125		03/08/18 22:06	1
Dibromofluoromethane (Surr)	99		77 - 120		03/08/18 22:06	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			03/08/18 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		58 - 133		03/08/18 11:52	1
Trifluorotoluene (Surr)	109		77 - 128		03/08/18 11:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	210		110		ug/L		03/05/18 08:59	03/06/18 18:37	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/05/18 08:59	03/06/18 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	56		50 - 150	03/05/18 08:59	03/06/18 18:37	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-2_20180227

Date Collected: 02/27/18 15:00

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-2

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			03/12/18 19:24	1
Toluene	ND	*	2.0		ug/L			03/12/18 19:24	1
Ethylbenzene	ND	*	3.0		ug/L			03/12/18 19:24	1
Xylenes, Total	ND	*	3.0		ug/L			03/12/18 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/12/18 19:24	1
Toluene-d8 (Surr)	100		80 - 122		03/12/18 19:24	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/12/18 19:24	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/12/18 19:24	1
Dibromofluoromethane (Surr)	99		77 - 120		03/12/18 19:24	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			03/08/18 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/08/18 12:22	1
Trifluorotoluene (Surr)	115		77 - 128		03/08/18 12:22	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)	810		110		ug/L		03/05/18 08:59	03/06/18 19:05	1
Motor Oil (>C24-C36)	630		360		ug/L		03/05/18 08:59	03/06/18 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150	03/05/18 08:59	03/06/18 19:05	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-9_20180227

Date Collected: 02/27/18 16:00

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-3

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			03/12/18 19:49	1
Toluene	ND	*	2.0		ug/L			03/12/18 19:49	1
Ethylbenzene	ND	*	3.0		ug/L			03/12/18 19:49	1
Xylenes, Total	ND	*	3.0		ug/L			03/12/18 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120		03/12/18 19:49	1
Toluene-d8 (Surr)	100		80 - 122		03/12/18 19:49	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/12/18 19:49	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/12/18 19:49	1
Dibromofluoromethane (Surr)	102		77 - 120		03/12/18 19:49	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			03/08/18 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		58 - 133		03/08/18 13:15	1
Trifluorotoluene (Surr)	106		77 - 128		03/08/18 13:15	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		03/05/18 08:59	03/06/18 19:33	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/06/18 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150	03/05/18 08:59	03/06/18 19:33	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-14_20180227

Lab Sample ID: 580-75448-4

Date Collected: 02/27/18 15:30

Matrix: Water

Date Received: 03/01/18 12:00

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			03/12/18 20:14	1
Toluene	ND	F1 *	2.0		ug/L			03/12/18 20:14	1
Ethylbenzene	ND	*	3.0		ug/L			03/12/18 20:14	1
Xylenes, Total	ND	*	3.0		ug/L			03/12/18 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/12/18 20:14	1
Toluene-d8 (Surr)	100		80 - 122		03/12/18 20:14	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/12/18 20:14	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/12/18 20:14	1
Dibromofluoromethane (Surr)	99		77 - 120		03/12/18 20:14	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			03/08/18 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		58 - 133		03/08/18 13:46	1
Trifluorotoluene (Surr)	120		77 - 128		03/08/18 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	230	F1	110		ug/L		03/05/18 08:59	03/06/18 20:01	1
Motor Oil (>C24-C36)	ND	F1	360		ug/L		03/05/18 08:59	03/06/18 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150	03/05/18 08:59	03/06/18 20:01	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-19_20180227

Lab Sample ID: 580-75448-5

Date Collected: 02/27/18 10:20

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	78	*	3.0		ug/L			03/09/18 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/09/18 19:44	1
Toluene-d8 (Surr)	106		80 - 122					03/09/18 19:44	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126					03/09/18 19:44	1
4-Bromofluorobenzene (Surr)	107		75 - 125					03/09/18 19:44	1
Dibromofluoromethane (Surr)	94		77 - 120					03/09/18 19:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	500		30		ug/L			03/13/18 00:34	10
Toluene	ND		20		ug/L			03/13/18 00:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/13/18 00:34	10
Toluene-d8 (Surr)	103		80 - 122					03/13/18 00:34	10
1,2-Dichloroethane-d4 (Surr)	105		80 - 126					03/13/18 00:34	10
4-Bromofluorobenzene (Surr)	107		75 - 125					03/13/18 00:34	10
Dibromofluoromethane (Surr)	105		77 - 120					03/13/18 00:34	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1300		300		ug/L			03/13/18 00:08	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120					03/13/18 00:08	100
Toluene-d8 (Surr)	103		80 - 122					03/13/18 00:08	100
1,2-Dichloroethane-d4 (Surr)	104		80 - 126					03/13/18 00:08	100
4-Bromofluorobenzene (Surr)	104		75 - 125					03/13/18 00:08	100
Dibromofluoromethane (Surr)	103		77 - 120					03/13/18 00:08	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8000		250		ug/L			03/08/18 15:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	259	X	58 - 133					03/08/18 15:48	1
Trifluorotoluene (Surr)	128		77 - 128					03/08/18 15:48	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)	3800		110		ug/L		03/05/18 08:59	03/06/18 21:22	1
Motor Oil (>C24-C36)	500		350		ug/L		03/05/18 08:59	03/06/18 21:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	57		50 - 150				03/05/18 08:59	03/06/18 21:22	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-20_20180227

Lab Sample ID: 580-75448-6

Date Collected: 02/27/18 12:30

Matrix: Water

Date Received: 03/01/18 12:00

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			03/09/18 20:09	1
Toluene	ND	*	2.0		ug/L			03/09/18 20:09	1
Ethylbenzene	ND	*	3.0		ug/L			03/09/18 20:09	1
Xylenes, Total	ND	*	3.0		ug/L			03/09/18 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		03/09/18 20:09	1
Toluene-d8 (Surr)	101		80 - 122		03/09/18 20:09	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/09/18 20:09	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/09/18 20:09	1
Dibromofluoromethane (Surr)	101		77 - 120		03/09/18 20:09	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			03/08/18 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		58 - 133		03/08/18 16:49	1
Trifluorotoluene (Surr)	119		77 - 128		03/08/18 16:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/05/18 08:59	03/06/18 21:49	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/06/18 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	53		50 - 150	03/05/18 08:59	03/06/18 21:49	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-21_20180227

Lab Sample ID: 580-75448-7

Date Collected: 02/27/18 12:40

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	38	*	3.0		ug/L			03/09/18 20:34	1
Xylenes, Total	140	*	3.0		ug/L			03/09/18 20:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/09/18 20:34	1
Toluene-d8 (Surr)	106		80 - 122		03/09/18 20:34	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		03/09/18 20:34	1
4-Bromofluorobenzene (Surr)	107		75 - 125		03/09/18 20:34	1
Dibromofluoromethane (Surr)	96		77 - 120		03/09/18 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		20		ug/L			03/13/18 01:28	10
Ethylbenzene	610		30		ug/L			03/13/18 01:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/13/18 01:28	10
Toluene-d8 (Surr)	104		80 - 122		03/13/18 01:28	10
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/13/18 01:28	10
4-Bromofluorobenzene (Surr)	106		75 - 125		03/13/18 01:28	10
Dibromofluoromethane (Surr)	106		77 - 120		03/13/18 01:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8900		250		ug/L			03/08/18 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	X	58 - 133		03/08/18 17:42	1
Trifluorotoluene (Surr)	118		77 - 128		03/08/18 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4500		110		ug/L		03/05/18 08:59	03/06/18 22:15	1
Motor Oil (>C24-C36)	420		350		ug/L		03/05/18 08:59	03/06/18 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	56		50 - 150	03/05/18 08:59	03/06/18 22:15	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-35_20180227

Lab Sample ID: 580-75448-8

Date Collected: 02/27/18 10:40

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12000	*	600		ug/L			03/13/18 21:17	200
Toluene	3700		200		ug/L			03/13/18 01:54	100
Ethylbenzene	3000		300		ug/L			03/13/18 01:54	100
Xylenes, Total	14000	*	600		ug/L			03/13/18 21:17	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/13/18 01:54	100
Toluene-d8 (Surr)	104		80 - 122		03/13/18 01:54	100
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/13/18 01:54	100
4-Bromofluorobenzene (Surr)	104		75 - 125		03/13/18 01:54	100
Dibromofluoromethane (Surr)	106		77 - 120		03/13/18 01:54	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	110000		25000		ug/L			03/10/18 16:48	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		58 - 133		03/10/18 16:48	100
Trifluorotoluene (Surr)	111		77 - 128		03/10/18 16:48	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4800		110		ug/L		03/05/18 08:59	03/06/18 22:42	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/06/18 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150	03/05/18 08:59	03/06/18 22:42	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-39_20180227

Lab Sample ID: 580-75448-9

Date Collected: 02/27/18 11:30

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.7	*	3.0		ug/L			03/09/18 21:25	1
Ethylbenzene	4.5	*	3.0		ug/L			03/09/18 21:25	1
Xylenes, Total	23	*	3.0		ug/L			03/09/18 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/09/18 21:25	1
Toluene-d8 (Surr)	103		80 - 122		03/09/18 21:25	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/09/18 21:25	1
4-Bromofluorobenzene (Surr)	106		75 - 125		03/09/18 21:25	1
Dibromofluoromethane (Surr)	97		77 - 120		03/09/18 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			03/12/18 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/12/18 18:47	1
Toluene-d8 (Surr)	101		80 - 122		03/12/18 18:47	1
1,2-Dichloroethane-d4 (Surr)	111		80 - 126		03/12/18 18:47	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/12/18 18:47	1
Dibromofluoromethane (Surr)	102		77 - 120		03/12/18 18:47	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			03/10/18 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		58 - 133		03/10/18 15:45	1
Trifluorotoluene (Surr)	110		77 - 128		03/10/18 15:45	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)	230		110		ug/L		03/05/18 08:59	03/06/18 23:34	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/05/18 08:59	03/06/18 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150	03/05/18 08:59	03/06/18 23:34	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-41_20180228

Lab Sample ID: 580-75448-10

Date Collected: 02/28/18 10:25

Matrix: Water

Date Received: 03/01/18 12:00

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			03/09/18 21:49	1
Toluene	ND	*	2.0		ug/L			03/09/18 21:49	1
Ethylbenzene	ND	*	3.0		ug/L			03/09/18 21:49	1
Xylenes, Total	4.4	*	3.0		ug/L			03/09/18 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/09/18 21:49	1
Toluene-d8 (Surr)	101		80 - 122		03/09/18 21:49	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		03/09/18 21:49	1
4-Bromofluorobenzene (Surr)	106		75 - 125		03/09/18 21:49	1
Dibromofluoromethane (Surr)	100		77 - 120		03/09/18 21:49	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			03/08/18 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		58 - 133					03/08/18 19:13	1
Trifluorotoluene (Surr)	108		77 - 128					03/08/18 19:13	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		03/05/18 08:59	03/07/18 00:00	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/05/18 08:59	03/07/18 00:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	54		50 - 150				03/05/18 08:59	03/07/18 00:00	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-43_20180228

Lab Sample ID: 580-75448-11

Date Collected: 02/28/18 10:10

Matrix: Water

Date Received: 03/01/18 12:00

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			03/09/18 22:14	1
Ethylbenzene	ND	*	150		ug/L			03/13/18 21:43	50
Xylenes, Total	290	*	3.0		ug/L			03/09/18 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/09/18 22:14	1
Trifluorotoluene (Surr)	106		80 - 120		03/13/18 21:43	50
Toluene-d8 (Surr)	105		80 - 122		03/09/18 22:14	1
Toluene-d8 (Surr)	99		80 - 122		03/13/18 21:43	50
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/09/18 22:14	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		03/13/18 21:43	50
4-Bromofluorobenzene (Surr)	106		75 - 125		03/09/18 22:14	1
4-Bromofluorobenzene (Surr)	106		75 - 125		03/13/18 21:43	50
Dibromofluoromethane (Surr)	99		77 - 120		03/09/18 22:14	1
Dibromofluoromethane (Surr)	101		77 - 120		03/13/18 21:43	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		200		ug/L			03/13/18 02:21	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/13/18 02:21	100
Toluene-d8 (Surr)	101		80 - 122		03/13/18 02:21	100
1,2-Dichloroethane-d4 (Surr)	107		80 - 126		03/13/18 02:21	100
4-Bromofluorobenzene (Surr)	102		75 - 125		03/13/18 02:21	100
Dibromofluoromethane (Surr)	104		77 - 120		03/13/18 02:21	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	21000		250		ug/L			03/08/18 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	X	58 - 133		03/08/18 19:44	1
Trifluorotoluene (Surr)	117		77 - 128		03/08/18 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)	4300		110		ug/L		03/05/18 08:59	03/07/18 00:26	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150	03/05/18 08:59	03/07/18 00:26	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-44_20180228

Lab Sample ID: 580-75448-12

Date Collected: 02/28/18 09:50

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.2	*	3.0		ug/L			03/09/18 22:39	1
Xylenes, Total	72	*	3.0		ug/L			03/09/18 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120					03/09/18 22:39	1
Toluene-d8 (Surr)	106		80 - 122					03/09/18 22:39	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126					03/09/18 22:39	1
4-Bromofluorobenzene (Surr)	107		75 - 125					03/09/18 22:39	1
Dibromofluoromethane (Surr)	96		77 - 120					03/09/18 22:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		200		ug/L			03/13/18 02:47	100
Ethylbenzene	630		300		ug/L			03/13/18 02:47	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					03/13/18 02:47	100
Toluene-d8 (Surr)	102		80 - 122					03/13/18 02:47	100
1,2-Dichloroethane-d4 (Surr)	108		80 - 126					03/13/18 02:47	100
4-Bromofluorobenzene (Surr)	103		75 - 125					03/13/18 02:47	100
Dibromofluoromethane (Surr)	107		77 - 120					03/13/18 02:47	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6200		250		ug/L			03/08/18 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	269	X	58 - 133					03/08/18 20:14	1
Trifluorotoluene (Surr)	116		77 - 128					03/08/18 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1700		110		ug/L		03/05/18 08:59	03/07/18 00:53	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/05/18 08:59	03/07/18 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	55		50 - 150				03/05/18 08:59	03/07/18 00:53	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-45_20180227

Lab Sample ID: 580-75448-13

Date Collected: 02/27/18 12:00

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18	*	3.0		ug/L			03/09/18 23:04	1
Ethylbenzene	ND	*	300		ug/L			03/13/18 22:08	100
Xylenes, Total	6.7	*	3.0		ug/L			03/09/18 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/09/18 23:04	1
Trifluorotoluene (Surr)	107		80 - 120		03/13/18 22:08	100
Toluene-d8 (Surr)	106		80 - 122		03/09/18 23:04	1
Toluene-d8 (Surr)	100		80 - 122		03/13/18 22:08	100
1,2-Dichloroethane-d4 (Surr)	96		80 - 126		03/09/18 23:04	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/13/18 22:08	100
4-Bromofluorobenzene (Surr)	103		75 - 125		03/09/18 23:04	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/13/18 22:08	100
Dibromofluoromethane (Surr)	95		77 - 120		03/09/18 23:04	1
Dibromofluoromethane (Surr)	101		77 - 120		03/13/18 22:08	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	2.3		2.0		ug/L			03/12/18 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		03/12/18 19:14	1
Toluene-d8 (Surr)	102		80 - 122		03/12/18 19:14	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		03/12/18 19:14	1
4-Bromofluorobenzene (Surr)	107		75 - 125		03/12/18 19:14	1
Dibromofluoromethane (Surr)	103		77 - 120		03/12/18 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5000		250		ug/L			03/09/18 10:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	265	X	58 - 133		03/09/18 10:42	1
Trifluorotoluene (Surr)	111		77 - 128		03/09/18 10:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	5400		110		ug/L		03/05/18 08:59	03/07/18 01:19	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	61		50 - 150	03/05/18 08:59	03/07/18 01:19	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-54_20180227

Lab Sample ID: 580-75448-14

Date Collected: 02/27/18 11:00

Matrix: Water

Date Received: 03/01/18 12:00

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			03/09/18 23:29	1
Toluene	ND	*	2.0		ug/L			03/09/18 23:29	1
Ethylbenzene	ND	*	3.0		ug/L			03/09/18 23:29	1
Xylenes, Total	ND	*	3.0		ug/L			03/09/18 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/09/18 23:29	1
Toluene-d8 (Surr)	105		80 - 122		03/09/18 23:29	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/09/18 23:29	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/09/18 23:29	1
Dibromofluoromethane (Surr)	96		77 - 120		03/09/18 23:29	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			03/09/18 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		58 - 133		03/09/18 11:13	1
Trifluorotoluene (Surr)	107		77 - 128		03/09/18 11:13	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		03/05/18 08:59	03/07/18 01:46	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150	03/05/18 08:59	03/07/18 01:46	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-55_20180228

Lab Sample ID: 580-75448-15

Date Collected: 02/28/18 10:45

Matrix: Water

Date Received: 03/01/18 12:00

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			03/07/18 19:09	1
Toluene	ND	*	2.0		ug/L			03/07/18 19:09	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 19:09	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	115		80 - 120		03/07/18 19:09	1
Toluene-d8 (Surr)	94		80 - 122		03/07/18 19:09	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/07/18 19:09	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/07/18 19:09	1
Dibromofluoromethane (Surr)	107		77 - 120		03/07/18 19:09	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			03/09/18 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		58 - 133		03/09/18 12:17	1
Trifluorotoluene (Surr)	100		77 - 128		03/09/18 12:17	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		03/05/18 08:59	03/07/18 02:13	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 02:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	56		50 - 150	03/05/18 08:59	03/07/18 02:13	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-56_20180228

Lab Sample ID: 580-75448-16

Date Collected: 02/28/18 12:05

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	33		3.0		ug/L			03/12/18 19:40	1
Toluene	34		2.0		ug/L			03/12/18 19:40	1
Ethylbenzene	ND	*	600		ug/L			03/13/18 22:33	200
Xylenes, Total	2500	*	600		ug/L			03/13/18 22:33	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120		03/12/18 19:40	1
Trifluorotoluene (Surr)	106		80 - 120		03/13/18 22:33	200
Toluene-d8 (Surr)	102		80 - 122		03/12/18 19:40	1
Toluene-d8 (Surr)	100		80 - 122		03/13/18 22:33	200
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		03/12/18 19:40	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		03/13/18 22:33	200
4-Bromofluorobenzene (Surr)	105		75 - 125		03/12/18 19:40	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/13/18 22:33	200
Dibromofluoromethane (Surr)	98		77 - 120		03/12/18 19:40	1
Dibromofluoromethane (Surr)	99		77 - 120		03/13/18 22:33	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	18000		250		ug/L			03/09/18 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	X	58 - 133					03/09/18 12:49	1
Trifluorotoluene (Surr)	121		77 - 128					03/09/18 12:49	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)	1100		110		ug/L		03/05/18 08:59	03/07/18 02:39	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	61		50 - 150				03/05/18 08:59	03/07/18 02:39	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-61_20180228

Lab Sample ID: 580-75448-17

Date Collected: 02/28/18 11:10

Matrix: Water

Date Received: 03/01/18 12:00

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			03/07/18 20:02	1
Toluene	ND	*	2.0		ug/L			03/07/18 20:02	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 20:02	1
Xylenes, Total	5.8	*	3.0		ug/L			03/07/18 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	115		80 - 120		03/07/18 20:02	1
Toluene-d8 (Surr)	95		80 - 122		03/07/18 20:02	1
1,2-Dichloroethane-d4 (Surr)	104		80 - 126		03/07/18 20:02	1
4-Bromofluorobenzene (Surr)	102		75 - 125		03/07/18 20:02	1
Dibromofluoromethane (Surr)	111		77 - 120		03/07/18 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			03/09/18 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 13:20	1
Trifluorotoluene (Surr)	92		77 - 128		03/09/18 13:20	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		03/05/18 08:59	03/07/18 03:06	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150	03/05/18 08:59	03/07/18 03:06	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-62_20180228

Lab Sample ID: 580-75448-18

Date Collected: 02/28/18 11:40

Matrix: Water

Date Received: 03/01/18 12:00

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			03/07/18 20:29	1
Toluene	ND	*	2.0		ug/L			03/07/18 20:29	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 20:29	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	116		80 - 120		03/07/18 20:29	1
Toluene-d8 (Surr)	94		80 - 122		03/07/18 20:29	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		03/07/18 20:29	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/07/18 20:29	1
Dibromofluoromethane (Surr)	107		77 - 120		03/07/18 20:29	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			03/09/18 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 13:52	1
Trifluorotoluene (Surr)	108		77 - 128		03/09/18 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/05/18 08:59	03/07/18 03:33	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/07/18 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	57		50 - 150	03/05/18 08:59	03/07/18 03:33	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-63_20180228

Lab Sample ID: 580-75448-19

Date Collected: 02/28/18 12:30

Matrix: Water

Date Received: 03/01/18 12:00

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			03/07/18 20:55	1
Toluene	ND	*	2.0		ug/L			03/07/18 20:55	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 20:55	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	118		80 - 120		03/07/18 20:55	1
Toluene-d8 (Surr)	96		80 - 122		03/07/18 20:55	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		03/07/18 20:55	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/07/18 20:55	1
Dibromofluoromethane (Surr)	105		77 - 120		03/07/18 20:55	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			03/09/18 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		58 - 133		03/09/18 14:24	1
Trifluorotoluene (Surr)	106		77 - 128		03/09/18 14:24	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)	300		110		ug/L		03/08/18 08:42	03/09/18 03:56	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	48	X	50 - 150	03/08/18 08:42	03/09/18 03:56	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-64_20180228

Lab Sample ID: 580-75448-20

Date Collected: 02/28/18 10:15

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17	*	3.0		ug/L			03/07/18 21:22	1
Toluene	2.0	*	2.0		ug/L			03/07/18 21:22	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 21:22	1
Xylenes, Total	6.5	*	3.0		ug/L			03/07/18 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	118		80 - 120		03/07/18 21:22	1
Toluene-d8 (Surr)	97		80 - 122		03/07/18 21:22	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		03/07/18 21:22	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/07/18 21:22	1
Dibromofluoromethane (Surr)	105		77 - 120		03/07/18 21:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1600		250		ug/L			03/09/18 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	X	58 - 133		03/09/18 16:31	1
Trifluorotoluene (Surr)	108		77 - 128		03/09/18 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2700		110		ug/L		03/08/18 08:42	03/09/18 04:26	1
Motor Oil (>C24-C36)	430		360		ug/L		03/08/18 08:42	03/09/18 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	03/08/18 08:42	03/09/18 04:26	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-66_20180227

Lab Sample ID: 580-75448-21

Date Collected: 02/27/18 09:50

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	29	*	3.0		ug/L			03/07/18 21:49	1
Toluene	ND	*	2.0		ug/L			03/07/18 21:49	1
Ethylbenzene	51		3.0		ug/L			03/07/18 21:49	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	114		80 - 120		03/07/18 21:49	1
Toluene-d8 (Surr)	94		80 - 122		03/07/18 21:49	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		03/07/18 21:49	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/07/18 21:49	1
Dibromofluoromethane (Surr)	109		77 - 120		03/07/18 21:49	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			03/09/18 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		58 - 133					03/09/18 17:03	1
Trifluorotoluene (Surr)	107		77 - 128					03/09/18 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	480		110		ug/L		03/08/18 08:42	03/09/18 04:56	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	61		50 - 150				03/08/18 08:42	03/09/18 04:56	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-67_20180228

Lab Sample ID: 580-75448-22

Date Collected: 02/28/18 11:30

Matrix: Water

Date Received: 03/01/18 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.4	*	3.0		ug/L			03/07/18 22:15	1
Toluene	ND	*	2.0		ug/L			03/07/18 22:15	1
Ethylbenzene	6.9		3.0		ug/L			03/07/18 22:15	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	112		80 - 120		03/07/18 22:15	1
Toluene-d8 (Surr)	97		80 - 122		03/07/18 22:15	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/07/18 22:15	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/07/18 22:15	1
Dibromofluoromethane (Surr)	105		77 - 120		03/07/18 22:15	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			03/09/18 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		58 - 133		03/09/18 18:06	1
Trifluorotoluene (Surr)	106		77 - 128		03/09/18 18:06	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)	170		110		ug/L		03/08/18 08:42	03/09/18 05:24	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150	03/08/18 08:42	03/09/18 05:24	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-68_20150228

Lab Sample ID: 580-75448-23

Date Collected: 02/28/18 11:45

Matrix: Water

Date Received: 03/01/18 12:00

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			03/07/18 22:41	1
Toluene	ND	*	2.0		ug/L			03/07/18 22:41	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 22:41	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120		03/07/18 22:41	1
Toluene-d8 (Surr)	95		80 - 122		03/07/18 22:41	1
1,2-Dichloroethane-d4 (Surr)	105		80 - 126		03/07/18 22:41	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/07/18 22:41	1
Dibromofluoromethane (Surr)	111		77 - 120		03/07/18 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			03/09/18 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 18:38	1
Trifluorotoluene (Surr)	105		77 - 128		03/09/18 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/08/18 08:42	03/09/18 05:53	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/08/18 08:42	03/09/18 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	66		50 - 150	03/08/18 08:42	03/09/18 05:53	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-69_20180228

Lab Sample ID: 580-75448-24

Date Collected: 02/28/18 12:00

Matrix: Water

Date Received: 03/01/18 12:00

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			03/12/18 21:30	1
Toluene	ND	F1 *	2.0		ug/L			03/12/18 21:30	1
Ethylbenzene	ND	*	3.0		ug/L			03/12/18 21:30	1
Xylenes, Total	ND	*	3.0		ug/L			03/12/18 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120		03/12/18 21:30	1
Toluene-d8 (Surr)	101		80 - 122		03/12/18 21:30	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/12/18 21:30	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/12/18 21:30	1
Dibromofluoromethane (Surr)	99		77 - 120		03/12/18 21:30	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			03/09/18 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		58 - 133		03/09/18 14:55	1
Trifluorotoluene (Surr)	107		77 - 128		03/09/18 14:55	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		03/08/18 08:42	03/09/18 06:51	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150	03/08/18 08:42	03/09/18 06:51	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-70_20180228

Lab Sample ID: 580-75448-25

Date Collected: 02/28/18 10:45

Matrix: Water

Date Received: 03/01/18 12:00

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			03/07/18 23:07	1
Toluene	ND	*	2.0		ug/L			03/07/18 23:07	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 23:07	1
Xylenes, Total	ND	*	3.0		ug/L			03/07/18 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	115		80 - 120		03/07/18 23:07	1
Toluene-d8 (Surr)	96		80 - 122		03/07/18 23:07	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		03/07/18 23:07	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/07/18 23:07	1
Dibromofluoromethane (Surr)	107		77 - 120		03/07/18 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			03/09/18 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 19:09	1
Trifluorotoluene (Surr)	106		77 - 128		03/09/18 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/08/18 08:42	03/09/18 08:17	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	63		50 - 150	03/08/18 08:42	03/09/18 08:17	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-71_20180228

Lab Sample ID: 580-75448-26

Date Collected: 02/28/18 09:50

Matrix: Water

Date Received: 03/01/18 12:00

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			03/12/18 22:45	1
Toluene	ND	*	2.0		ug/L			03/12/18 22:45	1
Ethylbenzene	ND	*	3.0		ug/L			03/12/18 22:45	1
Xylenes, Total	ND	*	3.0		ug/L			03/12/18 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 120		03/12/18 22:45	1
Toluene-d8 (Surr)	101		80 - 122		03/12/18 22:45	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126		03/12/18 22:45	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/12/18 22:45	1
Dibromofluoromethane (Surr)	100		77 - 120		03/12/18 22:45	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			03/09/18 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 19:41	1
Trifluorotoluene (Surr)	105		77 - 128		03/09/18 19:41	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		03/08/18 08:42	03/09/18 08:45	1
Motor Oil (>C24-C36)	ND		360		ug/L		03/08/18 08:42	03/09/18 08:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150	03/08/18 08:42	03/09/18 08:45	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: AG-WELL_20180228

Lab Sample ID: 580-75448-27

Date Collected: 02/28/18 11:10

Matrix: Water

Date Received: 03/01/18 12:00

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			03/09/18 23:54	1
Toluene	ND	*	2.0		ug/L			03/09/18 23:54	1
Ethylbenzene	ND	*	3.0		ug/L			03/09/18 23:54	1
Xylenes, Total	ND	*	3.0		ug/L			03/09/18 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/09/18 23:54	1
Toluene-d8 (Surr)	102		80 - 122		03/09/18 23:54	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		03/09/18 23:54	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/09/18 23:54	1
Dibromofluoromethane (Surr)	99		77 - 120		03/09/18 23:54	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			03/09/18 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 20:13	1
Trifluorotoluene (Surr)	106		77 - 128		03/09/18 20:13	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		03/08/18 08:42	03/09/18 09:15	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 09:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	40	X	50 - 150	03/08/18 08:42	03/09/18 09:15	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: Trip Blank-1

Lab Sample ID: 580-75448-28

Date Collected: 02/27/18 00:01

Matrix: Water

Date Received: 03/01/18 12:00

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			03/10/18 00:19	1
Toluene	ND	*	2.0		ug/L			03/10/18 00:19	1
Ethylbenzene	ND	*	3.0		ug/L			03/10/18 00:19	1
Xylenes, Total	ND	*	3.0		ug/L			03/10/18 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120		03/10/18 00:19	1
Toluene-d8 (Surr)	101		80 - 122		03/10/18 00:19	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		03/10/18 00:19	1
4-Bromofluorobenzene (Surr)	106		75 - 125		03/10/18 00:19	1
Dibromofluoromethane (Surr)	99		77 - 120		03/10/18 00:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			03/09/18 09:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 09:06	1
Trifluorotoluene (Surr)	96		77 - 128		03/09/18 09:06	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: Trip Blank-2

Lab Sample ID: 580-75448-29

Date Collected: 02/27/18 00:01

Matrix: Water

Date Received: 03/01/18 12:00

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			03/10/18 00:44	1
Toluene	ND	*	2.0		ug/L			03/10/18 00:44	1
Ethylbenzene	ND	*	3.0		ug/L			03/10/18 00:44	1
Xylenes, Total	ND	*	3.0		ug/L			03/10/18 00:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 120		03/10/18 00:44	1
Toluene-d8 (Surr)	103		80 - 122		03/10/18 00:44	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		03/10/18 00:44	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/10/18 00:44	1
Dibromofluoromethane (Surr)	97		77 - 120		03/10/18 00:44	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			03/09/18 09:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		58 - 133		03/09/18 09:38	1
Trifluorotoluene (Surr)	107		77 - 128		03/09/18 09:38	1

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 580-75448-30

Date Collected: 02/27/18 00:01

Matrix: Water

Date Received: 03/01/18 12:00

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			03/10/18 01:09	1
Toluene	ND	*	2.0		ug/L			03/10/18 01:09	1
Ethylbenzene	ND	*	3.0		ug/L			03/10/18 01:09	1
Xylenes, Total	ND	*	3.0		ug/L			03/10/18 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/10/18 01:09	1
Toluene-d8 (Surr)	104		80 - 122		03/10/18 01:09	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/10/18 01:09	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/10/18 01:09	1
Dibromofluoromethane (Surr)	97		77 - 120		03/10/18 01:09	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			03/09/18 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/09/18 10:10	1
Trifluorotoluene (Surr)	96		77 - 128		03/09/18 10:10	1

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: Dup-1_20180227

Date Collected: 02/27/18 00:00

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-31

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			03/10/18 01:34	1
Toluene	ND	*	2.0		ug/L			03/10/18 01:34	1
Ethylbenzene	ND	*	3.0		ug/L			03/10/18 01:34	1
Xylenes, Total	ND	*	3.0		ug/L			03/10/18 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/10/18 01:34	1
Toluene-d8 (Surr)	103		80 - 122		03/10/18 01:34	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/10/18 01:34	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/10/18 01:34	1
Dibromofluoromethane (Surr)	98		77 - 120		03/10/18 01:34	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			03/10/18 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133		03/10/18 14:41	1
Trifluorotoluene (Surr)	101		77 - 128		03/10/18 14:41	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)	860		110		ug/L		03/08/18 08:42	03/09/18 09:43	1
Motor Oil (>C24-C36)	500		350		ug/L		03/08/18 08:42	03/09/18 09:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150	03/08/18 08:42	03/09/18 09:43	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: Dup-2_20180228

Lab Sample ID: 580-75448-32

Date Collected: 02/28/18 00:00

Matrix: Water

Date Received: 03/01/18 12:00

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			03/12/18 23:10	1
Toluene	ND	*	2.0		ug/L			03/12/18 23:10	1
Ethylbenzene	ND	*	3.0		ug/L			03/12/18 23:10	1
Xylenes, Total	ND	*	3.0		ug/L			03/12/18 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		03/12/18 23:10	1
Toluene-d8 (Surr)	100		80 - 122		03/12/18 23:10	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/12/18 23:10	1
4-Bromofluorobenzene (Surr)	105		75 - 125		03/12/18 23:10	1
Dibromofluoromethane (Surr)	101		77 - 120		03/12/18 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			03/10/18 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		58 - 133		03/10/18 15:13	1
Trifluorotoluene (Surr)	106		77 - 128		03/10/18 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		03/08/18 08:42	03/09/18 10:11	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/09/18 10:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	54		50 - 150	03/08/18 08:42	03/09/18 10:11	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: MB 580-268531/5

Matrix: Water

Analysis Batch: 268531

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			03/07/18 15:35	1
Toluene	ND		2.0		ug/L			03/07/18 15:35	1
Ethylbenzene	ND		3.0		ug/L			03/07/18 15:35	1
Xylenes, Total	ND		3.0		ug/L			03/07/18 15:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	112		80 - 120		03/07/18 15:35	1
Toluene-d8 (Surr)	96		80 - 122		03/07/18 15:35	1
1,2-Dichloroethane-d4 (Surr)	106		80 - 126		03/07/18 15:35	1
4-Bromofluorobenzene (Surr)	101		75 - 125		03/07/18 15:35	1
Dibromofluoromethane (Surr)	106		77 - 120		03/07/18 15:35	1

Lab Sample ID: LCS 580-268531/6

Matrix: Water

Analysis Batch: 268531

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.39		ug/L		94	75 - 120
Toluene	10.0	8.55		ug/L		85	75 - 120
Ethylbenzene	10.0	8.17		ug/L		82	75 - 120
m-Xylene & p-Xylene	10.0	7.99		ug/L		80	75 - 120
o-Xylene	10.0	8.15		ug/L		82	74 - 120
Xylenes, Total	20.0	16.1		ug/L		81	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	108		80 - 120
Toluene-d8 (Surr)	92		80 - 122
1,2-Dichloroethane-d4 (Surr)	100		80 - 126
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	106		77 - 120

Lab Sample ID: LCSD 580-268531/7

Matrix: Water

Analysis Batch: 268531

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 - 120	17	14
Toluene	10.0	9.99	*	ug/L		100	75 - 120	16	13
Ethylbenzene	10.0	9.41		ug/L		94	75 - 120	14	14
m-Xylene & p-Xylene	10.0	9.36	*	ug/L		94	75 - 120	16	14
o-Xylene	10.0	9.53		ug/L		95	74 - 120	16	16
Xylenes, Total	20.0	18.9	*	ug/L		94	74 - 120	16	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	112		80 - 120
Toluene-d8 (Surr)	91		80 - 122
1,2-Dichloroethane-d4 (Surr)	99		80 - 126

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268531/7

Matrix: Water

Analysis Batch: 268531

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	106		77 - 120

Lab Sample ID: MB 580-268628/13

Matrix: Water

Analysis Batch: 268628

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			03/08/18 17:12	1
Toluene	ND		2.0		ug/L			03/08/18 17:12	1
Ethylbenzene	ND		3.0		ug/L			03/08/18 17:12	1
Xylenes, Total	ND		3.0		ug/L			03/08/18 17:12	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120				03/08/18 17:12	1
Toluene-d8 (Surr)	107		80 - 122				03/08/18 17:12	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126				03/08/18 17:12	1
4-Bromofluorobenzene (Surr)	105		75 - 125				03/08/18 17:12	1
Dibromofluoromethane (Surr)	99		77 - 120				03/08/18 17:12	1

Lab Sample ID: LCS 580-268628/14

Matrix: Water

Analysis Batch: 268628

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene			10.0	7.93		ug/L		79	75 - 120
Toluene			10.0	7.93		ug/L		79	75 - 120
Ethylbenzene			10.0	8.00		ug/L		80	75 - 120
m-Xylene & p-Xylene			10.0	7.86		ug/L		79	75 - 120
o-Xylene			10.0	8.19		ug/L		82	74 - 120
Xylenes, Total			20.0	16.1		ug/L		80	74 - 120

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	102		80 - 120
Toluene-d8 (Surr)	103		80 - 122
1,2-Dichloroethane-d4 (Surr)	102		80 - 126
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	101		77 - 120

Lab Sample ID: LCSD 580-268628/15

Matrix: Water

Analysis Batch: 268628

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 - 120	27	14
Toluene			10.0	10.5	*	ug/L		105	75 - 120	28	13
Ethylbenzene			10.0	10.8	*	ug/L		108	75 - 120	30	14

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268628/15

Matrix: Water

Analysis Batch: 268628

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	10.3	*	ug/L		103	75 - 120	27	14
o-Xylene	10.0	10.9	*	ug/L		109	74 - 120	28	16
Xylenes, Total	20.0	21.2	*	ug/L		106	74 - 120	28	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	102		80 - 122
1,2-Dichloroethane-d4 (Surr)	102		80 - 126
4-Bromofluorobenzene (Surr)	104		75 - 125
Dibromofluoromethane (Surr)	100		77 - 120

Lab Sample ID: MB 580-268740/5

Matrix: Water

Analysis Batch: 268740

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			03/09/18 16:24	1
Toluene	ND		2.0		ug/L			03/09/18 16:24	1
Ethylbenzene	ND		3.0		ug/L			03/09/18 16:24	1
Xylenes, Total	ND		3.0		ug/L			03/09/18 16:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		03/09/18 16:24	1
Toluene-d8 (Surr)	105		80 - 122		03/09/18 16:24	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		03/09/18 16:24	1
4-Bromofluorobenzene (Surr)	100		75 - 125		03/09/18 16:24	1
Dibromofluoromethane (Surr)	97		77 - 120		03/09/18 16:24	1

Lab Sample ID: LCS 580-268740/6

Matrix: Water

Analysis Batch: 268740

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.95		ug/L		100	75 - 120
Toluene	10.0	11.0		ug/L		110	75 - 120
Ethylbenzene	10.0	9.54		ug/L		95	75 - 120
m-Xylene & p-Xylene	10.0	9.78		ug/L		98	75 - 120
o-Xylene	10.0	9.98		ug/L		100	74 - 120
Xylenes, Total	20.0	19.8		ug/L		99	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	99		80 - 122
1,2-Dichloroethane-d4 (Surr)	100		80 - 126
4-Bromofluorobenzene (Surr)	100		75 - 125
Dibromofluoromethane (Surr)	101		77 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268740/7

Matrix: Water

Analysis Batch: 268740

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	11.8	*	ug/L		118	75 - 120	17	14
Ethylbenzene	10.0	11.3	*	ug/L		113	75 - 120	17	14
m-Xylene & p-Xylene	10.0	11.5	*	ug/L		115	75 - 120	16	14
o-Xylene	10.0	11.8		ug/L		118	74 - 120	16	16
Xylenes, Total	20.0	23.3	*	ug/L		117	74 - 120	16	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	99		80 - 122
1,2-Dichloroethane-d4 (Surr)	99		80 - 126
4-Bromofluorobenzene (Surr)	99		75 - 125
Dibromofluoromethane (Surr)	100		77 - 120

Lab Sample ID: MB 580-268844/5

Matrix: Water

Analysis Batch: 268844

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			03/12/18 15:37	1
Toluene	ND		2.0		ug/L			03/12/18 15:37	1
Ethylbenzene	ND		3.0		ug/L			03/12/18 15:37	1
Xylenes, Total	ND		3.0		ug/L			03/12/18 15:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 120		03/12/18 15:37	1
Toluene-d8 (Surr)	102		80 - 122		03/12/18 15:37	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/12/18 15:37	1
4-Bromofluorobenzene (Surr)	104		75 - 125		03/12/18 15:37	1
Dibromofluoromethane (Surr)	99		77 - 120		03/12/18 15:37	1

Lab Sample ID: LCS 580-268844/6

Matrix: Water

Analysis Batch: 268844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.89		ug/L		99	75 - 120
Toluene	10.0	10.5		ug/L		105	75 - 120
Ethylbenzene	10.0	9.15		ug/L		91	75 - 120
m-Xylene & p-Xylene	10.0	9.45		ug/L		94	75 - 120
o-Xylene	10.0	9.70		ug/L		97	74 - 120
Xylenes, Total	20.0	19.2		ug/L		96	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 120
Toluene-d8 (Surr)	97		80 - 122
1,2-Dichloroethane-d4 (Surr)	99		80 - 126
4-Bromofluorobenzene (Surr)	101		75 - 125

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCS 580-268844/6

Matrix: Water

Analysis Batch: 268844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	102		77 - 120

Lab Sample ID: LCSD 580-268844/7

Matrix: Water

Analysis Batch: 268844

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	12.1	*	ug/L		121	75 - 120	20	14
Toluene	10.0	12.9	*	ug/L		129	75 - 120	20	13
Ethylbenzene	10.0	11.3	*	ug/L		113	75 - 120	21	14
m-Xylene & p-Xylene	10.0	11.4	*	ug/L		114	75 - 120	19	14
o-Xylene	10.0	11.8	*	ug/L		118	74 - 120	20	16
Xylenes, Total	20.0	23.2	*	ug/L		116	74 - 120	19	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	105		80 - 120
Toluene-d8 (Surr)	96		80 - 122
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	101		77 - 120

Lab Sample ID: 580-75448-4 MS

Matrix: Water

Analysis Batch: 268844

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND	*	11.6	13.5		ug/L		116	75 - 120
Toluene	ND	F1 *	11.6	14.3	F1	ug/L		123	75 - 120
Ethylbenzene	ND	*	11.6	12.4		ug/L		107	75 - 120
m-Xylene & p-Xylene	ND	*	11.6	12.5		ug/L		108	75 - 120
o-Xylene	ND	*	11.6	12.9		ug/L		111	74 - 120
Xylenes, Total	ND	*	23.3	25.4		ug/L		109	74 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	106		80 - 120
Toluene-d8 (Surr)	96		80 - 122
1,2-Dichloroethane-d4 (Surr)	97		80 - 126
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	102		77 - 120

Lab Sample ID: 580-75448-4 MSD

Matrix: Water

Analysis Batch: 268844

Client Sample ID: MW-14_20180227

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	*	11.6	13.6		ug/L		117	75 - 120	0	35
Toluene	ND	F1 *	11.6	14.2	F1	ug/L		122	75 - 120	1	35

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: 580-75448-4 MSD

Matrix: Water

Analysis Batch: 268844

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND	*	11.6	12.4		ug/L		106	75 - 120	0	35
m-Xylene & p-Xylene	ND	*	11.6	12.6		ug/L		109	75 - 120	1	35
o-Xylene	ND	*	11.6	12.8		ug/L		110	74 - 120	0	35
Xylenes, Total	ND	*	23.3	25.4		ug/L		109	74 - 120	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	104		80 - 120
Toluene-d8 (Surr)	94		80 - 122
1,2-Dichloroethane-d4 (Surr)	97		80 - 126
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	102		77 - 120

Lab Sample ID: 580-75448-24 MS

Matrix: Water

Analysis Batch: 268844

Client Sample ID: MW-69_20180228

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	ND	*	11.6	13.6		ug/L		117	75 - 120		
Toluene	ND	F1 *	11.6	14.5	F1	ug/L		125	75 - 120		
Ethylbenzene	ND	*	11.6	12.6		ug/L		108	75 - 120		
m-Xylene & p-Xylene	ND	*	11.6	12.7		ug/L		109	75 - 120		
o-Xylene	ND	*	11.6	13.0		ug/L		112	74 - 120		
Xylenes, Total	ND	*	23.3	25.7		ug/L		111	74 - 120		

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	106		80 - 120
Toluene-d8 (Surr)	96		80 - 122
1,2-Dichloroethane-d4 (Surr)	96		80 - 126
4-Bromofluorobenzene (Surr)	100		75 - 125
Dibromofluoromethane (Surr)	103		77 - 120

Lab Sample ID: 580-75448-24 MSD

Matrix: Water

Analysis Batch: 268844

Client Sample ID: MW-69_20180228

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	*	11.6	13.3		ug/L		114	75 - 120	2	35
Toluene	ND	F1 *	11.6	14.0		ug/L		120	75 - 120	3	35
Ethylbenzene	ND	*	11.6	12.3		ug/L		106	75 - 120	2	35
m-Xylene & p-Xylene	ND	*	11.6	12.5		ug/L		108	75 - 120	2	35
o-Xylene	ND	*	11.6	12.7		ug/L		109	74 - 120	2	35
Xylenes, Total	ND	*	23.3	25.2		ug/L		108	74 - 120	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	106		80 - 120
Toluene-d8 (Surr)	96		80 - 122
1,2-Dichloroethane-d4 (Surr)	98		80 - 126

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: 580-75448-24 MSD

Matrix: Water

Analysis Batch: 268844

Client Sample ID: MW-69_20180228

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	102		77 - 120

Lab Sample ID: MB 580-268858/5

Matrix: Water

Analysis Batch: 268858

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			03/12/18 17:01	1
Toluene	ND		2.0		ug/L			03/12/18 17:01	1
Ethylbenzene	ND		3.0		ug/L			03/12/18 17:01	1
Xylenes, Total	ND		3.0		ug/L			03/12/18 17:01	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Trifluorotoluene (Surr)	103		80 - 120		03/12/18 17:01	1
Toluene-d8 (Surr)	101		80 - 122		03/12/18 17:01	1
1,2-Dichloroethane-d4 (Surr)	110		80 - 126		03/12/18 17:01	1
4-Bromofluorobenzene (Surr)	106		75 - 125		03/12/18 17:01	1
Dibromofluoromethane (Surr)	103		77 - 120		03/12/18 17:01	1

Lab Sample ID: LCS 580-268858/6

Matrix: Water

Analysis Batch: 268858

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	9.82		ug/L		98	75 - 120
Toluene	10.0	9.39		ug/L		94	75 - 120
Ethylbenzene	10.0	9.77		ug/L		98	75 - 120
m-Xylene & p-Xylene	10.0	9.27		ug/L		93	75 - 120
o-Xylene	10.0	9.98		ug/L		100	74 - 120
Xylenes, Total	20.0	19.3		ug/L		96	74 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Trifluorotoluene (Surr)	105		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	107		80 - 126
4-Bromofluorobenzene (Surr)	105		75 - 125
Dibromofluoromethane (Surr)	108		77 - 120

Lab Sample ID: LCSD 580-268858/7

Matrix: Water

Analysis Batch: 268858

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	9.88		ug/L		99	75 - 120	1	14
Toluene	10.0	9.47		ug/L		95	75 - 120	1	13
Ethylbenzene	10.0	10.1		ug/L		101	75 - 120	4	14

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268858/7

Matrix: Water

Analysis Batch: 268858

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	9.52		ug/L		95	75 - 120	3	14
o-Xylene	10.0	10.2		ug/L		102	74 - 120	2	16
Xylenes, Total	20.0	19.7		ug/L		99	74 - 120	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	104		80 - 126
4-Bromofluorobenzene (Surr)	105		75 - 125
Dibromofluoromethane (Surr)	104		77 - 120

Lab Sample ID: MB 580-268969/5

Matrix: Water

Analysis Batch: 268969

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			03/13/18 16:42	1
Xylenes, Total	ND		3.0		ug/L			03/13/18 16:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		03/13/18 16:42	1
Toluene-d8 (Surr)	102		80 - 122		03/13/18 16:42	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		03/13/18 16:42	1
4-Bromofluorobenzene (Surr)	103		75 - 125		03/13/18 16:42	1
Dibromofluoromethane (Surr)	98		77 - 120		03/13/18 16:42	1

Lab Sample ID: LCS 580-268969/6

Matrix: Water

Analysis Batch: 268969

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	10.0	7.51		ug/L		75	75 - 120
m-Xylene & p-Xylene	10.0	7.64		ug/L		76	75 - 120
o-Xylene	10.0	7.70		ug/L		77	74 - 120
Xylenes, Total	20.0	15.3		ug/L		77	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	107		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	99		80 - 126
4-Bromofluorobenzene (Surr)	93		75 - 125
Dibromofluoromethane (Surr)	103		77 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268969/7

Matrix: Water

Analysis Batch: 268969

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
Ethylbenzene	10.0	11.8	*	ug/L		118	75 - 120	44	14
m-Xylene & p-Xylene	10.0	12.0	*	ug/L		120	75 - 120	44	14
o-Xylene	10.0	12.2	*	ug/L		122	74 - 120	45	16
Xylenes, Total	20.0	24.2	*	ug/L		121	74 - 120	45	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	108		80 - 120
Toluene-d8 (Surr)	96		80 - 122
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	101		77 - 120

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

Lab Sample ID: MB 580-268569/6

Matrix: Water

Analysis Batch: 268569

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			03/07/18 19:08	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		58 - 133					03/07/18 19:08	1
Trifluorotoluene (Surr)	111		77 - 128					03/07/18 19:08	1

Lab Sample ID: LCS 580-268569/7

Matrix: Water

Analysis Batch: 268569

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	1000	981		ug/L		98	79 - 110		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	94		58 - 133						
Trifluorotoluene (Surr)	110		77 - 128						

Lab Sample ID: LCSD 580-268569/8

Matrix: Water

Analysis Batch: 268569

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	965		ug/L		96	79 - 110	2	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		58 - 133						
Trifluorotoluene (Surr)	104		77 - 128						

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: 580-75448-4 MS

Matrix: Water

Analysis Batch: 268569

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	ND		1000	896		ug/L		90	79 - 110
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		58 - 133						
Trifluorotoluene (Surr)	116		77 - 128						

Lab Sample ID: 580-75448-4 MSD

Matrix: Water

Analysis Batch: 268569

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	ND		1000	818		ug/L		82	79 - 110	9	10
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	89		58 - 133								
Trifluorotoluene (Surr)	101		77 - 128								

Lab Sample ID: MB 580-268686/5

Matrix: Water

Analysis Batch: 268686

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			03/09/18 07:31	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		58 - 133					03/09/18 07:31	1
Trifluorotoluene (Surr)	99		77 - 128					03/09/18 07:31	1

Lab Sample ID: LCS 580-268686/6

Matrix: Water

Analysis Batch: 268686

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	999		ug/L		100	79 - 110
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	97		58 - 133				
Trifluorotoluene (Surr)	101		77 - 128				

Lab Sample ID: LCSD 580-268686/7

Matrix: Water

Analysis Batch: 268686

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	982		ug/L		98	79 - 110	2	10

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268686/7

Matrix: Water

Analysis Batch: 268686

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		58 - 133
Trifluorotoluene (Surr)	98		77 - 128

Lab Sample ID: 580-75448-24 MS

Matrix: Water

Analysis Batch: 268686

Client Sample ID: MW-69_20180228

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	ND		1000	961		ug/L		96	79 - 110
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	96		58 - 133						
Trifluorotoluene (Surr)	108		77 - 128						

Lab Sample ID: 580-75448-24 MSD

Matrix: Water

Analysis Batch: 268686

Client Sample ID: MW-69_20180228

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	ND		1000	929		ug/L		93	79 - 110	3	10
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	94		58 - 133								
Trifluorotoluene (Surr)	97		77 - 128								

Lab Sample ID: MB 580-268785/5

Matrix: Water

Analysis Batch: 268785

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			03/10/18 12:02	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	88		58 - 133					03/10/18 12:02	1
Trifluorotoluene (Surr)	104		77 - 128					03/10/18 12:02	1

Lab Sample ID: LCS 580-268785/6

Matrix: Water

Analysis Batch: 268785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline		1000	973		ug/L		97	79 - 110
Surrogate	LCS	LCS						
	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	93		58 - 133					
Trifluorotoluene (Surr)	97		77 - 128					

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268785/7

Matrix: Water

Analysis Batch: 268785

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	923		ug/L		92	79 - 110	5	10
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		58 - 133						
Trifluorotoluene (Surr)	93		77 - 128						

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

Lab Sample ID: MB 580-268295/1-A

Matrix: Water

Analysis Batch: 268395

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/05/18 08:59	03/06/18 12:36	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/05/18 08:59	03/06/18 12:36	1
Surrogate	%Recovery	MB Qualifier	Limits						
o-Terphenyl	83		50 - 150						

Lab Sample ID: LCS 580-268295/2-A

Matrix: Water

Analysis Batch: 268395

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2000	1600		ug/L		80	59 - 112		
Motor Oil (>C24-C36)	2000	1800		ug/L		90	64 - 120		
Surrogate	%Recovery	LCS Qualifier	Limits						
o-Terphenyl	73		50 - 150						

Lab Sample ID: LCSD 580-268295/3-A

Matrix: Water

Analysis Batch: 268395

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268295

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2000	1550		ug/L		77	59 - 112	3	16
Motor Oil (>C24-C36)	2000	1750		ug/L		87	64 - 120	3	17
Surrogate	%Recovery	LCSD Qualifier	Limits						
o-Terphenyl	73		50 - 150						

Lab Sample ID: 580-75448-4 MS

Matrix: Water

Analysis Batch: 268469

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Prep Batch: 268295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	230	F1	2010	1420		ug/L		59	59 - 112		

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: 580-75448-4 MS

Matrix: Water

Analysis Batch: 268469

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Prep Batch: 268295

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Motor Oil (>C24-C36)	ND	F1	2010	1470		ug/L		67	64 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	64		50 - 150						

Lab Sample ID: 580-75448-4 MSD

Matrix: Water

Analysis Batch: 268469

Client Sample ID: MW-14_20180227

Prep Type: Total/NA

Prep Batch: 268295

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	230	F1	2050	1360	F1	ug/L		56	59 - 112	4	16
Motor Oil (>C24-C36)	ND	F1	2050	1410	F1	ug/L		63	64 - 120	4	17
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	63		50 - 150								

Lab Sample ID: MB 580-268586/1-A

Matrix: Water

Analysis Batch: 268615

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 268586

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		03/08/18 08:42	03/08/18 23:20	1
Motor Oil (>C24-C36)	ND		350		ug/L		03/08/18 08:42	03/08/18 23:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	68		50 - 150				03/08/18 08:42	03/08/18 23:20	1

Lab Sample ID: LCS 580-268586/2-A

Matrix: Water

Analysis Batch: 268615

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 268586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2000	1570		ug/L		78	59 - 112
Motor Oil (>C24-C36)	2000	1630		ug/L		81	64 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	83		50 - 150				

Lab Sample ID: LCSD 580-268586/3-A

Matrix: Water

Analysis Batch: 268615

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268586

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1630		ug/L		81	59 - 112	4	16
Motor Oil (>C24-C36)	2000	1670		ug/L		83	64 - 120	2	17

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-75448-1

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

Lab Sample ID: LCSD 580-268586/3-A

Matrix: Water

Analysis Batch: 268615

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 268586

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	82		50 - 150

Lab Sample ID: 580-75448-24 MS

Matrix: Water

Analysis Batch: 268615

Client Sample ID: MW-69_20180228

Prep Type: Total/NA

Prep Batch: 268586

	Sample	Sample	Spike	MS	MS					
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
#2 Diesel (C10-C24)	ND		2050	1470		ug/L		72	59 - 112	
Motor Oil (>C24-C36)	ND		2050	1580		ug/L		77	64 - 120	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
<i>o</i> -Terphenyl	74		50 - 150							

Lab Sample ID: 580-75448-24 MSD

Matrix: Water

Analysis Batch: 268615

Client Sample ID: MW-69_20180228

Prep Type: Total/NA

Prep Batch: 268586

	Sample	Sample	Spike	MSD	MSD							
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
#2 Diesel (C10-C24)	ND		2060	1550		ug/L		75	59 - 112	5	16	
Motor Oil (>C24-C36)	ND		2060	1760		ug/L		86	64 - 120	11	17	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
<i>o</i> -Terphenyl	82		50 - 150									

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: C_20180227

Date Collected: 02/27/18 09:30

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268628	03/08/18 22:06	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 11:52	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 18:37	ADB	TAL SEA

Client Sample ID: MW-2_20180227

Date Collected: 02/27/18 15:00

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268844	03/12/18 19:24	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 12:22	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 19:05	ADB	TAL SEA

Client Sample ID: MW-9_20180227

Date Collected: 02/27/18 16:00

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268844	03/12/18 19:49	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 13:15	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 19:33	ADB	TAL SEA

Client Sample ID: MW-14_20180227

Date Collected: 02/27/18 15:30

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268844	03/12/18 20:14	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 13:46	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 20:01	ADB	TAL SEA

Client Sample ID: MW-19_20180227

Date Collected: 02/27/18 10:20

Date Received: 03/01/18 12:00

Lab Sample ID: 580-75448-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 19:44	RSB	TAL SEA
Total/NA	Analysis	8260C	DL2	100	268858	03/13/18 00:08	T1W	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	268858	03/13/18 00:34	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 15:48	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 21:22	ADB	TAL SEA

Client Sample ID: MW-20_20180227

Lab Sample ID: 580-75448-6

Date Collected: 02/27/18 12:30

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 20:09	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 16:49	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 21:49	ADB	TAL SEA

Client Sample ID: MW-21_20180227

Lab Sample ID: 580-75448-7

Date Collected: 02/27/18 12:40

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 20:34	RSB	TAL SEA
Total/NA	Analysis	8260C	DL	10	268858	03/13/18 01:28	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 17:42	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 22:15	ADB	TAL SEA

Client Sample ID: MW-35_20180227

Lab Sample ID: 580-75448-8

Date Collected: 02/27/18 10:40

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	268969	03/13/18 21:17	JSM	TAL SEA
Total/NA	Analysis	8260C		100	268858	03/13/18 01:54	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		100	268785	03/10/18 16:48	W1T	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 22:42	ADB	TAL SEA

Client Sample ID: MW-39_20180227

Lab Sample ID: 580-75448-9

Date Collected: 02/27/18 11:30

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 21:25	RSB	TAL SEA
Total/NA	Analysis	8260C	RA	1	268858	03/12/18 18:47	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268785	03/10/18 15:45	W1T	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-39_20180227

Lab Sample ID: 580-75448-9

Date Collected: 02/27/18 11:30

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Dx		1	268469	03/06/18 23:34	ADB	TAL SEA

Client Sample ID: MW-41_20180228

Lab Sample ID: 580-75448-10

Date Collected: 02/28/18 10:25

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 21:49	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 19:13	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 00:00	ADB	TAL SEA

Client Sample ID: MW-43_20180228

Lab Sample ID: 580-75448-11

Date Collected: 02/28/18 10:10

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 22:14	RSB	TAL SEA
Total/NA	Analysis	8260C		50	268969	03/13/18 21:43	JSM	TAL SEA
Total/NA	Analysis	8260C	DL	100	268858	03/13/18 02:21	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 19:44	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 00:26	ADB	TAL SEA

Client Sample ID: MW-44_20180228

Lab Sample ID: 580-75448-12

Date Collected: 02/28/18 09:50

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 22:39	RSB	TAL SEA
Total/NA	Analysis	8260C	DL	100	268858	03/13/18 02:47	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268569	03/08/18 20:14	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 00:53	ADB	TAL SEA

Client Sample ID: MW-45_20180227

Lab Sample ID: 580-75448-13

Date Collected: 02/27/18 12:00

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 23:04	RSB	TAL SEA
Total/NA	Analysis	8260C		100	268969	03/13/18 22:08	JSM	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	268858	03/12/18 19:14	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 10:42	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 01:19	ADB	TAL SEA

Client Sample ID: MW-54_20180227

Lab Sample ID: 580-75448-14

Date Collected: 02/27/18 11:00

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 23:29	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 11:13	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 01:46	ADB	TAL SEA

Client Sample ID: MW-55_20180228

Lab Sample ID: 580-75448-15

Date Collected: 02/28/18 10:45

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 19:09	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 12:17	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 02:13	ADB	TAL SEA

Client Sample ID: MW-56_20180228

Lab Sample ID: 580-75448-16

Date Collected: 02/28/18 12:05

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	268969	03/13/18 22:33	JSM	TAL SEA
Total/NA	Analysis	8260C		1	268858	03/12/18 19:40	T1W	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 12:49	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 02:39	ADB	TAL SEA

Client Sample ID: MW-61_20180228

Lab Sample ID: 580-75448-17

Date Collected: 02/28/18 11:10

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 20:02	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 13:20	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 03:06	ADB	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-62_20180228

Lab Sample ID: 580-75448-18

Date Collected: 02/28/18 11:40

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 20:29	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 13:52	JCV	TAL SEA
Total/NA	Prep	3510C			268295	03/05/18 08:59	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268469	03/07/18 03:33	ADB	TAL SEA

Client Sample ID: MW-63_20180228

Lab Sample ID: 580-75448-19

Date Collected: 02/28/18 12:30

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 20:55	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 14:24	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 03:56	ADB	TAL SEA

Client Sample ID: MW-64_20180228

Lab Sample ID: 580-75448-20

Date Collected: 02/28/18 10:15

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 21:22	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 16:31	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 04:26	ADB	TAL SEA

Client Sample ID: MW-66_20180227

Lab Sample ID: 580-75448-21

Date Collected: 02/27/18 09:50

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 21:49	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 17:03	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 04:56	ADB	TAL SEA

Client Sample ID: MW-67_20180228

Lab Sample ID: 580-75448-22

Date Collected: 02/28/18 11:30

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 22:15	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 18:06	JCV	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: MW-67_20180228

Lab Sample ID: 580-75448-22

Date Collected: 02/28/18 11:30

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 05:24	ADB	TAL SEA

Client Sample ID: MW-68_20150228

Lab Sample ID: 580-75448-23

Date Collected: 02/28/18 11:45

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 22:41	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 18:38	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 05:53	ADB	TAL SEA

Client Sample ID: MW-69_20180228

Lab Sample ID: 580-75448-24

Date Collected: 02/28/18 12:00

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268844	03/12/18 21:30	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 14:55	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 06:51	ADB	TAL SEA

Client Sample ID: MW-70_20180228

Lab Sample ID: 580-75448-25

Date Collected: 02/28/18 10:45

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268531	03/07/18 23:07	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 19:09	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 08:17	ADB	TAL SEA

Client Sample ID: MW-71_20180228

Lab Sample ID: 580-75448-26

Date Collected: 02/28/18 09:50

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268844	03/12/18 22:45	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 19:41	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 08:45	ADB	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: AG-WELL_20180228

Lab Sample ID: 580-75448-27

Date Collected: 02/28/18 11:10

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/09/18 23:54	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 20:13	JCV	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 09:15	ADB	TAL SEA

Client Sample ID: Trip Blank-1

Lab Sample ID: 580-75448-28

Date Collected: 02/27/18 00:01

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/10/18 00:19	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 09:06	JCV	TAL SEA

Client Sample ID: Trip Blank-2

Lab Sample ID: 580-75448-29

Date Collected: 02/27/18 00:01

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/10/18 00:44	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 09:38	JCV	TAL SEA

Client Sample ID: Trip Blank-3

Lab Sample ID: 580-75448-30

Date Collected: 02/27/18 00:01

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/10/18 01:09	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268686	03/09/18 10:10	JCV	TAL SEA

Client Sample ID: Dup-1_20180227

Lab Sample ID: 580-75448-31

Date Collected: 02/27/18 00:00

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268740	03/10/18 01:34	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268785	03/10/18 14:41	W1T	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 09:43	ADB	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-75448-1

Client Sample ID: Dup-2_20180228

Lab Sample ID: 580-75448-32

Date Collected: 02/28/18 00:00

Matrix: Water

Date Received: 03/01/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	268844	03/12/18 23:10	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	268785	03/10/18 15:13	W1T	TAL SEA
Total/NA	Prep	3510C			268586	03/08/18 08:42	NDB	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	268615	03/09/18 10:11	ADB	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: 580-75448-1

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	02-17-19
The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:				
Analysis Method	Prep Method	Matrix	Analyte	
8260C		Water	Xylenes, Total	

Sample Summary

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

TestAmerica Job ID: 580-75448-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-75448-1	C_20180227	Water	02/27/18 09:30	03/01/18 12:00
580-75448-2	MW-2_20180227	Water	02/27/18 15:00	03/01/18 12:00
580-75448-3	MW-9_20180227	Water	02/27/18 16:00	03/01/18 12:00
580-75448-4	MW-14_20180227	Water	02/27/18 15:30	03/01/18 12:00
580-75448-5	MW-19_20180227	Water	02/27/18 10:20	03/01/18 12:00
580-75448-6	MW-20_20180227	Water	02/27/18 12:30	03/01/18 12:00
580-75448-7	MW-21_20180227	Water	02/27/18 12:40	03/01/18 12:00
580-75448-8	MW-35_20180227	Water	02/27/18 10:40	03/01/18 12:00
580-75448-9	MW-39_20180227	Water	02/27/18 11:30	03/01/18 12:00
580-75448-10	MW-41_20180228	Water	02/28/18 10:25	03/01/18 12:00
580-75448-11	MW-43_20180228	Water	02/28/18 10:10	03/01/18 12:00
580-75448-12	MW-44_20180228	Water	02/28/18 09:50	03/01/18 12:00
580-75448-13	MW-45_20180227	Water	02/27/18 12:00	03/01/18 12:00
580-75448-14	MW-54_20180227	Water	02/27/18 11:00	03/01/18 12:00
580-75448-15	MW-55_20180228	Water	02/28/18 10:45	03/01/18 12:00
580-75448-16	MW-56_20180228	Water	02/28/18 12:05	03/01/18 12:00
580-75448-17	MW-61_20180228	Water	02/28/18 11:10	03/01/18 12:00
580-75448-18	MW-62_20180228	Water	02/28/18 11:40	03/01/18 12:00
580-75448-19	MW-63_20180228	Water	02/28/18 12:30	03/01/18 12:00
580-75448-20	MW-64_20180228	Water	02/28/18 10:15	03/01/18 12:00
580-75448-21	MW-66_20180227	Water	02/27/18 09:50	03/01/18 12:00
580-75448-22	MW-67_20180228	Water	02/28/18 11:30	03/01/18 12:00
580-75448-23	MW-68_20150228	Water	02/28/18 11:45	03/01/18 12:00
580-75448-24	MW-69_20180228	Water	02/28/18 12:00	03/01/18 12:00
580-75448-25	MW-70_20180228	Water	02/28/18 10:45	03/01/18 12:00
580-75448-26	MW-71_20180228	Water	02/28/18 09:50	03/01/18 12:00
580-75448-27	AG-WELL_20180228	Water	02/28/18 11:10	03/01/18 12:00
580-75448-28	Trip Blank-1	Water	02/27/18 00:01	03/01/18 12:00
580-75448-29	Trip Blank-2	Water	02/27/18 00:01	03/01/18 12:00
580-75448-30	Trip Blank-3	Water	02/27/18 00:01	03/01/18 12:00
580-75448-31	Dup-1_20180227	Water	02/27/18 00:00	03/01/18 12:00
580-75448-32	Dup-2_20180228	Water	02/28/18 00:00	03/01/18 12:00

TestAmerica Seattle



Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 4

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard

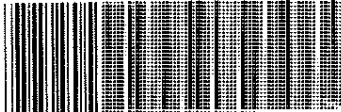
Rush TAT: Yes No

BP/ARC Facility No: Allen Station

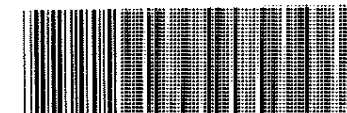
Lab Work Order Number: 15448

Lab Name: <u>Test America</u>	BP/ARC Facility Address: <u>16292 Ovenell Road</u>	Consultant/Contractor: <u>Antea Group</u>
Lab Address: <u>Tacoma, WA</u>	City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>	Consultant/Contractor Project No: <u>WAALLAA181.10123</u>
Lab PM: <u>Elaine Walker</u>	Lead Regulatory Agency: <u>WA Department of Ecology</u>	Address: <u>4006 148th Avenue 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>WR321242/00BHW-0009</u>	Phone: <u>P: 425.498.7711 F: 425.869.1892</u>
Lab Bottle Order No: <u>NA</u>	Accounting Mode: <u>Provision X</u> <u>OOB-BU</u> <u>OOB-RM</u>	Email EDD To: <u>Megan.Richard@anteagroup.com</u>
Other Info: <u>elaine.walker@testamericainc.com</u>	Stage: <u>"APPRAISE (10)"</u> Activity: <u>INTERIM MEASURES (123)</u>	Invoice To: <u>BP/ARC X</u> Contractor <u> </u>

BP/ARC EBM:				Matrix				No. Containers / Preservative						Requested Analyses										Report Type & QC Level			
EBM Phone:				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX										Standard <u>Y</u>	
EBM Email:																										Full Data Package <u> </u>	
Lab No.	Sample Description	Date	Time																							Comments	
- 1	C_20180227	2-27-18	0930		X			8				8			X	X	X										
	MW-2_20180227	2-27-18	1500		X			8				8			X	X	X										
- 3	MW-9_20180227	2-27-18	1600		X			8				8			X	X	X										
	MW-14_20180227	2-27-18	1530		X		24				24			X	X	X										MS/MSD	
- 5	MW-19_20180227	2-27-18	1020		X			8				8			X	X	X										
	MW-20_20180227	2-27-18	1230		X			8				8			X	X	X										
- 7	MW-21_20180227	2-27-18	1240		X			8				8			X	X	X										
	MW-35_20180227	2-27-18	1040		X			8				8			X	X	X										
- 9	MW-39_20180227	2-27-18	1130		X			8				8			X	X	X										
	MW-41_20180228	2-28-18	1025		X			8				8			X	X	X										



580-75448 Chain of Custody



580-75448 Chain of Custody

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>Antea Group</u>	<u>Antea Group</u> <u>Antea</u>	<u>3/1</u>	<u>1800</u>	<u>Antea Group</u> <u>Antea</u>	<u>3/1/18</u>	<u>1200</u>
Shipment Method:	Ship Date:					

Shipm

Spec Therm. ID AZ Cor 2.6° Unc 3.5°

Cooler Dsc: by Green

Wet/Packs Packing: Bubble

Custody Seal: Yes No X

Therm. ID TR4 Cor 4.9° Unc 5.0°

Cooler Dsc: by Line

Wet/Packs Packing: Bubble

Custody Seal: Yes No X

Therm. ID AZ Cor 3.1° Unc 4.0°

Cooler Dsc: by Blue

Wet/Packs Packing: Bubble

Custody Seal: Yes No X

Therm. ID AZ Cor 4.4° Unc 5.8°

Cooler Dsc: by Blue

Wet/Packs Packing: Bubble

Custody Seal: Yes No X



Laboratory Management Program LaMP Chain of Custody Record

Page 2 of 4

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes No

BP/ARC Facility No: Allen Station

Lab Work Order Number: 75448

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 WA 98421				Consultant/Contractor Project No: WAALLAA181.10123														
Lab PM: Elaine Walker				Lead Regulatory Agency: WA Department of Ecology				Address: 4006 148th Avenue 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: WR321242/00BHW-0009				Phone: P: 425.498.7711 F: 425.869.1892														
Lab Bottle Order No: NA				Accounting Mode: Provision <u>X</u> OOC-BU <u> </u> OOC-RM <u> </u>				Email EDD To: <u>Megan.Richard@anteagroup.com</u>														
Other Info: <u>elaine.walker@testamericainc.com</u>				Stage: APPRAISE (10) Activity: INTERIM MEASURES (123)				Invoice To: BP/ARC <u>X</u> Contractor <u> </u>														
BP/ARC EBM:				Matrix		No. Containers / Preservative		Requested Analyses						Report Type & QC Level								
EBM Phone:														Standard <u>Y</u>								
EBM Email:														Full Data Package <u> </u>								
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-GX	NWTPH-DX	Comments					
-11	MW-43_20180228	2-28-18	1010	X			8				8			X	X	X						
	MW-44_20180228	2-28-18	0950	X			8				8			X	X	X						
-13	MW-45_20180227	2-27-18	1200	X			8				8			X	X	X						
	MW-54_20180227	2-27-18	1100	X			8				8			X	X	X						
-15	MW-55_20180228	2-28-18	1045	X			8				8			X	X	X						
	MW-56_20180228	2-28-18	1205	X			8				8			X	X	X		MS/MSD				
	MW-57_2017			X			8				8			X	X	X		TR				
	MW-58_2017			X			8				8			X	X	X		TR				
	MW-59_2017			X			24				24			X	X	X		MS/MSD TR				
	MW-60_2017			X			8				8			X	X	X		TR				
Sampler's Name:				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time							
Sampler's Company: Antea Group				Butley Eide Antea				3/1	1200	Z Z Z / TASEA				3/1/18	1200							
Shipment 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																						



Laboratory Management Program LaMP Chain of Custody Record

Page 4 of 4

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard

Rush TAT: Yes No

BP/ARC Facility No: Allen Station

Lab Work Order Number: 75448

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 WA 98421	Consultant/Contractor Project No: WAALLAA181.10123
Lab PM: Elaine Walker	Lead Regulatory Agency: WA Department of Ecology	Address: 4006 148th Avenue 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: WR321242/00BHW-0009	Phone: P: 425.496.7711 F: 425.869.1892
Lab Bottle Order No: NA	Accounting Mode: Provision <u>X</u> OOC-BU <u> </u> OOC-RM <u> </u>	Email EDD To: <u>Megan.Richard@anteagroup.com</u>
Other Info: <u>elaine.walker@testamericainc.com</u>	Stage: APPRAISE (10) Activity: INTERIM MEASURES (123)	Invoice To: BP/ARC <u>X</u> Contractor <u> </u>

BP/ARC EBM:				Matrix			No. Containers / Preservative										Requested Analyses										Report Type & QC Level	
EBM Phone:																											Standard <u>Y</u>	
EBM Email:																											Full Data Package <u> </u>	
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX											Comments	
-27	AG-Well_20180228	2-28-18	1110	X			8				8			X	X	X												
	Trip Blank-1			X			8				6			X	X													
-29	Trip Blank-2			X			8				6			X	X													
	Trip Blank-3			X			8				6			X	X													
-31	Dup-1_20180227	2-27-18	0000	X			8				8			X	X	X												
	Dup-2_20180228	2-28-18	0000	X			8				8			X	X	X												

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group	<u>Bethany Giel Antea</u>	<u>3/1</u>	<u>1800</u>	<u>227 / T A S E A</u>	<u>3/1/18</u>	<u>1200</u>
Shipment 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
--	----------------------	--	----------------------	-----------------------------------

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 580-75448-1

Login Number: 75448

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

TestAmerica Laboratories, Inc.

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

TestAmerica Job ID: 580-78092-1

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:

6/26/2018 5:16:32 PM

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

kristine.allen@testamericainc.com

Designee for

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

elaine.walker@testamericainc.com

LINKS

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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.



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 Chain of Custody is included and is an integral part of this report.

A handwritten signature in cursive script that reads "Kristine D. Allen". The signature is written in black ink and is positioned above a horizontal blue line.

Kristine Allen
Manager of Project Management
6/26/2018 5:16:33 PM

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Case Narrative

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

TestAmerica Job ID: 580-78092-1

Job ID: 580-78092-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative 580-78092-1

Comments

No additional comments.

Receipt

The samples were received on 6/14/2018 11:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 5 coolers at receipt time were 1.7° C, 1.8° C, 1.8° C, 2.0° C and 3.3° C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-41_20180612 (580-78092-9). The container labels list C_20180611, while the COC lists MW-41_20180612. The client was contacted, and the lab was instructed to use MW-41_20180612 as the sample ID.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 580-276464 recovered above the upper control limit for 2-Methyl-2-propanol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 580-276652 recovered outside control limits for the following analyte(s): Methyl Acetate. Methyl Acetate has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method(s) 8260C: The following sample was diluted due to the nature of the sample matrix: MW-20_20180613 (580-78092-6). Elevated reporting limits (RLs) are provided. Approximately 1/4 of the sample vial contained sediment that would have caused the auto-sampler to fail.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-19_20180613 (580-78092-5) and MW-67_20180613 (580-78092-24). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-21_20180613 (580-78092-7), MW-43_20180612 (580-78092-10), MW-44_20180612 (580-78092-11), MW-45_20180613 (580-78092-12), MW-56_20180613 (580-78092-14), MW-66_20180613 (580-78092-23), MW-66_20180613 (580-78092-23[MS]) and MW-66_20180613 (580-78092-23[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted due to the nature of the sample matrix: Dup-1 (580-78092-33). Elevated reporting limits (RLs) are provided. The lower portion of the sample vial contained soil which would have clogged the auto sampler. A dilution was utilized to prevent damage to the instrument.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-43_20180612 (580-78092-10) and Dup-3 (580-78092-35). Elevated reporting limits (RLs) are provided.

Method(s) NWTPH-Gx: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-44_20180612 (580-78092-11), MW-45_20180613 (580-78092-12) and MW-56_20180613 (580-78092-14). Elevated reporting limits (RLs) are provided.

Method(s) NWTPH-Gx: The following continuing calibration verification (CCV) standard associated with batch 580-276866 recovered outside acceptance criteria for %D for surrogate 4-Bromofluorobenzene (Surr). Since the %recovery is within the acceptance criteria for the surrogate and all the other surrogates and target analytes were within %D criteria; therefore, the data have been reported. (CCV 580-276866/26)

Method(s) NWTPH-Gx: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch

Case Narrative

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

TestAmerica Job ID: 580-78092-1

Job ID: 580-78092-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

analytical batch 580-276977 recovered outside control limits for the following analytes: Gasoline. The individual recoveries of both the LCS and LCSD met the acceptance criteria.

Method(s) NWTPH-Gx: The RPD of the laboratory control sample duplicate (LCSD) for batch analytical batch 580-277102 recovered outside control limits for the following analytes: Gasoline. The individual recoveries of both the LCS and LCSD met the acceptance criteria.

Method(s) NWTPH-Gx: Surrogate recovery for the following samples were outside control limits: MW-19_20180613 (580-78092-5), MW-21_20180613 (580-78092-7) and MW-43_20180612 (580-78092-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following samples were outside control limits: MW-59_20180613 (580-78092-17), MW-66_20180613 (580-78092-23), MW-66_20180613 (580-78092-23[MS]) and MW-66_20180613 (580-78092-23[MSD]). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following sample was outside control limits: MW-58_20180613 (580-78092-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following samples were outside control limits: MW-59_20180613 (580-78092-17), MW-64_20180612 (580-78092-22), MW-66_20180613 (580-78092-23), MW-66_20180613 (580-78092-23[MS]), MW-66_20180613 (580-78092-23[MSD]) and MW-67_20180613 (580-78092-24). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following sample was outside the upper control limit: MW-71_20180612 (580-78092-28). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following sample was outside control limits: Dup-2 (580-78092-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: The following sample was analyzed at reduced volume due to high concentrations of target analytes: Dup-3 (580-78092-35). 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 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-2_20180613 (580-78092-2).

Method(s) NWTPH-Dx: Surrogate recovery for the following sample was outside control limits: MW-20_20180613 (580-78092-6). 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-19_20180613 (580-78092-5), MW-20_20180613 (580-78092-6), MW-21_20180613 (580-78092-7), MW-43_20180612 (580-78092-10) and MW-44_20180612 (580-78092-11).

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-45_20180613 (580-78092-12), MW-56_20180613 (580-78092-14), MW-57_20180613 (580-78092-15) and MW-66_20180613 (580-78092-23).

Method(s) NWTPH-Dx: Continuing calibration verification (CCV) standard associated with batch 580-276769 recovered outside %Drift acceptance criteria for o-Terphenyl surrogate. The %Recovery is within acceptance criteria for the surrogate in the CCV and associated samples; therefore, the data are qualified and reported. MW-61_20180613 (580-78092-19), MW-62_20180613 (580-78092-20), MW-63_20180613 (580-78092-21) and (CCV 580-276769/25)

Case Narrative

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

TestAmerica Job ID: 580-78092-1

Job ID: 580-78092-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

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-67_20180613 (580-78092-24), Dup-1 (580-78092-33) and Dup-3 (580-78092-35).

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: 580-78092-1

Qualifiers

GC/MS VOA

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

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	RPD of the LCS and LCSD exceeds the 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
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)

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: C_20180613

Date Collected: 06/13/18 09:10

Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-1

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			06/16/18 16:32	1
Toluene	ND		2.0		ug/L			06/16/18 16:32	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 16:32	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		06/16/18 16:32	1
Toluene-d8 (Surr)	102		80 - 122		06/16/18 16:32	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/16/18 16:32	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/16/18 16:32	1
Dibromofluoromethane (Surr)	102		77 - 120		06/16/18 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			06/16/18 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150		06/16/18 21:46	1
Trifluorotoluene (Surr)	101		50 - 150		06/16/18 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	840		110		ug/L		06/21/18 12:38	06/22/18 10:43	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/21/18 12:38	06/22/18 10:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	06/21/18 12:38	06/22/18 10:43	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-2_20180613

Lab Sample ID: 580-78092-2

Date Collected: 06/13/18 10:30

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 16:59	1
Toluene	ND		2.0		ug/L			06/16/18 16:59	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 16:59	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120		06/16/18 16:59	1
Toluene-d8 (Surr)	101		80 - 122		06/16/18 16:59	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/16/18 16:59	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/16/18 16:59	1
Dibromofluoromethane (Surr)	102		77 - 120		06/16/18 16:59	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			06/16/18 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150		06/16/18 22:16	1
Trifluorotoluene (Surr)	99		50 - 150		06/16/18 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1600		110		ug/L		06/15/18 10:48	06/18/18 18:17	1
Motor Oil (>C24-C36)	730		360		ug/L		06/15/18 10:48	06/18/18 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150	06/15/18 10:48	06/18/18 18:17	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-9_20180613

Lab Sample ID: 580-78092-3

Date Collected: 06/13/18 11:15

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 17:25	1
Toluene	ND		2.0		ug/L			06/16/18 17:25	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 17:25	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		06/16/18 17:25	1
Toluene-d8 (Surr)	103		80 - 122		06/16/18 17:25	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/16/18 17:25	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/16/18 17:25	1
Dibromofluoromethane (Surr)	101		77 - 120		06/16/18 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		2500		ug/L			06/16/18 23:18	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150		06/16/18 23:18	10
Trifluorotoluene (Surr)	101		50 - 150		06/16/18 23:18	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)	ND		110		ug/L		06/15/18 10:48	06/18/18 18:38	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/15/18 10:48	06/18/18 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	95		50 - 150	06/15/18 10:48	06/18/18 18:38	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-14_20180613

Lab Sample ID: 580-78092-4

Date Collected: 06/13/18 09:50

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.0		3.0		ug/L			06/16/18 17:51	1
Toluene	ND		2.0		ug/L			06/16/18 17:51	1
Ethylbenzene	4.2		3.0		ug/L			06/16/18 17:51	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120		06/16/18 17:51	1
Toluene-d8 (Surr)	101		80 - 122		06/16/18 17:51	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/16/18 17:51	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/16/18 17:51	1
Dibromofluoromethane (Surr)	100		77 - 120		06/16/18 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	410		250		ug/L			06/16/18 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		50 - 150		06/16/18 23:49	1
Trifluorotoluene (Surr)	105		50 - 150		06/16/18 23:49	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)	830		110		ug/L		06/15/18 10:48	06/18/18 18:59	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/15/18 10:48	06/18/18 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	06/15/18 10:48	06/18/18 18:59	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-19_20180613

Lab Sample ID: 580-78092-5

Date Collected: 06/13/18 08:10

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	10		2.0		ug/L			06/16/18 18:17	1
Xylenes, Total	64		3.0		ug/L			06/16/18 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120					06/16/18 18:17	1
Toluene-d8 (Surr)	99		80 - 122					06/16/18 18:17	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126					06/16/18 18:17	1
4-Bromofluorobenzene (Surr)	100		80 - 125					06/16/18 18:17	1
Dibromofluoromethane (Surr)	98		77 - 120					06/16/18 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	400		150		ug/L			06/19/18 20:23	50
Ethylbenzene	1300		150		ug/L			06/19/18 20:23	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120					06/19/18 20:23	50
Toluene-d8 (Surr)	101		80 - 122					06/19/18 20:23	50
1,2-Dichloroethane-d4 (Surr)	98		80 - 126					06/19/18 20:23	50
4-Bromofluorobenzene (Surr)	102		80 - 125					06/19/18 20:23	50
Dibromofluoromethane (Surr)	99		77 - 120					06/19/18 20:23	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	10000		250		ug/L			06/17/18 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	325	X	50 - 150					06/17/18 00:20	1
Trifluorotoluene (Surr)	154	X	50 - 150					06/17/18 00:20	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)	4100		110		ug/L		06/15/18 10:48	06/18/18 19:19	1
Motor Oil (>C24-C36)	390		360		ug/L		06/15/18 10:48	06/18/18 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150				06/15/18 10:48	06/18/18 19:19	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-20_20180613

Lab Sample ID: 580-78092-6

Date Collected: 06/13/18 10:50

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		15		ug/L			06/16/18 21:22	5
Toluene	ND		10		ug/L			06/16/18 21:22	5
Ethylbenzene	ND		15		ug/L			06/16/18 21:22	5
Xylenes, Total	ND		15		ug/L			06/16/18 21:22	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		06/16/18 21:22	5
Toluene-d8 (Surr)	105		80 - 122		06/16/18 21:22	5
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		06/16/18 21:22	5
4-Bromofluorobenzene (Surr)	102		80 - 125		06/16/18 21:22	5
Dibromofluoromethane (Surr)	100		77 - 120		06/16/18 21:22	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	370		250		ug/L			06/19/18 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		50 - 150		06/19/18 19:52	1
Trifluorotoluene (Surr)	124		50 - 150		06/19/18 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	310		110		ug/L		06/15/18 10:48	06/18/18 19:40	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/15/18 10:48	06/18/18 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	42	X	50 - 150	06/15/18 10:48	06/18/18 19:40	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-21_20180613

Lab Sample ID: 580-78092-7

Date Collected: 06/13/18 10:10

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.3		3.0		ug/L			06/19/18 16:56	1
Toluene	2.9		2.0		ug/L			06/19/18 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120					06/19/18 16:56	1
Toluene-d8 (Surr)	106		80 - 122					06/19/18 16:56	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/19/18 16:56	1
4-Bromofluorobenzene (Surr)	104		80 - 125					06/19/18 16:56	1
Dibromofluoromethane (Surr)	96		77 - 120					06/19/18 16:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	460		30		ug/L			06/20/18 18:17	10
Xylenes, Total	74		30		ug/L			06/20/18 18:17	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120					06/20/18 18:17	10
Toluene-d8 (Surr)	106		80 - 122					06/20/18 18:17	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/20/18 18:17	10
4-Bromofluorobenzene (Surr)	103		80 - 125					06/20/18 18:17	10
Dibromofluoromethane (Surr)	96		77 - 120					06/20/18 18:17	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8500		250		ug/L			06/17/18 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	310	X	50 - 150					06/17/18 01:21	1
Trifluorotoluene (Surr)	151	X	50 - 150					06/17/18 01:21	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)	5500		110		ug/L		06/15/18 10:48	06/18/18 20:21	1
Motor Oil (>C24-C36)	530		350		ug/L		06/15/18 10:48	06/18/18 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150				06/15/18 10:48	06/18/18 20:21	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-39_20180613

Lab Sample ID: 580-78092-8

Date Collected: 06/13/18 11:35

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 17:21	1
Toluene	ND		2.0		ug/L			06/19/18 17:21	1
Ethylbenzene	ND	F1	3.0		ug/L			06/19/18 17:21	1
Xylenes, Total	ND	F1	3.0		ug/L			06/19/18 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/19/18 17:21	1
Toluene-d8 (Surr)	106		80 - 122		06/19/18 17:21	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/19/18 17:21	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/19/18 17:21	1
Dibromofluoromethane (Surr)	97		77 - 120		06/19/18 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			06/21/18 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		50 - 150		06/21/18 14:14	1
Trifluorotoluene (Surr)	90		50 - 150		06/21/18 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	190	F1 F2	110		ug/L		06/19/18 09:32	06/20/18 13:44	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/19/18 09:32	06/20/18 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	06/19/18 09:32	06/20/18 13:44	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-41_20180612

Lab Sample ID: 580-78092-9

Date Collected: 06/12/18 14:30

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 18:34	1
Toluene	ND		2.0		ug/L			06/19/18 18:34	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 18:34	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		06/19/18 18:34	1
Toluene-d8 (Surr)	108		80 - 122		06/19/18 18:34	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/19/18 18:34	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/19/18 18:34	1
Dibromofluoromethane (Surr)	97		77 - 120		06/19/18 18:34	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			06/19/18 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		50 - 150		06/19/18 20:22	1
Trifluorotoluene (Surr)	102		50 - 150		06/19/18 20:22	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		06/21/18 12:38	06/22/18 11:03	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	06/21/18 12:38	06/22/18 11:03	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-43_20180612

Lab Sample ID: 580-78092-10

Date Collected: 06/12/18 15:00

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	23		3.0		ug/L			06/19/18 18:59	1
Toluene	14		2.0		ug/L			06/19/18 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/19/18 18:59	1
Toluene-d8 (Surr)	105		80 - 122					06/19/18 18:59	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/19/18 18:59	1
4-Bromofluorobenzene (Surr)	107		80 - 125					06/19/18 18:59	1
Dibromofluoromethane (Surr)	97		77 - 120					06/19/18 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	390		30		ug/L			06/20/18 18:42	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/20/18 18:42	10
Toluene-d8 (Surr)	105		80 - 122					06/20/18 18:42	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/20/18 18:42	10
4-Bromofluorobenzene (Surr)	104		80 - 125					06/20/18 18:42	10
Dibromofluoromethane (Surr)	95		77 - 120					06/20/18 18:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1600		150		ug/L			06/21/18 21:03	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 120					06/21/18 21:03	50
Toluene-d8 (Surr)	104		80 - 122					06/21/18 21:03	50
1,2-Dichloroethane-d4 (Surr)	105		80 - 126					06/21/18 21:03	50
4-Bromofluorobenzene (Surr)	104		80 - 125					06/21/18 21:03	50
Dibromofluoromethane (Surr)	98		77 - 120					06/21/18 21:03	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	23000		250		ug/L			06/17/18 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	256	X	50 - 150					06/17/18 02:23	1
Trifluorotoluene (Surr)	122		50 - 150					06/17/18 02:23	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)	4800		110		ug/L		06/15/18 10:48	06/18/18 20:41	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/15/18 10:48	06/18/18 20:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150				06/15/18 10:48	06/18/18 20:41	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-44_20180612

Lab Sample ID: 580-78092-11

Date Collected: 06/12/18 15:35

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13		3.0		ug/L			06/19/18 19:23	1
Toluene	3.1		2.0		ug/L			06/19/18 19:23	1
Xylenes, Total	69		3.0		ug/L			06/19/18 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/19/18 19:23	1
Toluene-d8 (Surr)	105		80 - 122					06/19/18 19:23	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/19/18 19:23	1
4-Bromofluorobenzene (Surr)	105		80 - 125					06/19/18 19:23	1
Dibromofluoromethane (Surr)	97		77 - 120					06/19/18 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	810		30		ug/L			06/20/18 19:31	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/20/18 19:31	10
Toluene-d8 (Surr)	106		80 - 122					06/20/18 19:31	10
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					06/20/18 19:31	10
4-Bromofluorobenzene (Surr)	103		80 - 125					06/20/18 19:31	10
Dibromofluoromethane (Surr)	97		77 - 120					06/20/18 19:31	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5800		2500		ug/L			06/21/18 12:08	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150					06/21/18 12:08	10
Trifluorotoluene (Surr)	105		50 - 150					06/21/18 12:08	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)	2200		110		ug/L		06/15/18 10:48	06/18/18 21:02	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/15/18 10:48	06/18/18 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150				06/15/18 10:48	06/18/18 21:02	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-45_20180613

Lab Sample ID: 580-78092-12

Date Collected: 06/13/18 11:50

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.6		3.0		ug/L			06/19/18 19:48	1
Toluene	3.7		2.0		ug/L			06/19/18 19:48	1
Xylenes, Total	8.8		3.0		ug/L			06/19/18 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/19/18 19:48	1
Toluene-d8 (Surr)	106		80 - 122					06/19/18 19:48	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					06/19/18 19:48	1
4-Bromofluorobenzene (Surr)	106		80 - 125					06/19/18 19:48	1
Dibromofluoromethane (Surr)	97		77 - 120					06/19/18 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	690		30		ug/L			06/20/18 20:21	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/20/18 20:21	10
Toluene-d8 (Surr)	106		80 - 122					06/20/18 20:21	10
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					06/20/18 20:21	10
4-Bromofluorobenzene (Surr)	104		80 - 125					06/20/18 20:21	10
Dibromofluoromethane (Surr)	96		77 - 120					06/20/18 20:21	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6000		2500		ug/L			06/21/18 12:39	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		50 - 150					06/21/18 12:39	10
Trifluorotoluene (Surr)	103		50 - 150					06/21/18 12:39	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)	3300		110		ug/L		06/19/18 09:32	06/21/18 12:51	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/19/18 09:32	06/21/18 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150				06/19/18 09:32	06/21/18 12:51	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-55_20180613

Lab Sample ID: 580-78092-13

Date Collected: 06/13/18 16:10

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 20:12	1
Toluene	ND		2.0		ug/L			06/19/18 20:12	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 20:12	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		06/19/18 20:12	1
Toluene-d8 (Surr)	107		80 - 122		06/19/18 20:12	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/19/18 20:12	1
4-Bromofluorobenzene (Surr)	103		80 - 125		06/19/18 20:12	1
Dibromofluoromethane (Surr)	97		77 - 120		06/19/18 20:12	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			06/21/18 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		50 - 150		06/21/18 13:11	1
Trifluorotoluene (Surr)	104		50 - 150		06/21/18 13:11	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)	ND		110		ug/L		06/19/18 09:32	06/21/18 13:13	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/19/18 09:32	06/21/18 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	06/19/18 09:32	06/21/18 13:13	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-56_20180613

Lab Sample ID: 580-78092-14

Date Collected: 06/13/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	66		3.0		ug/L	-		06/19/18 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/19/18 20:37	1
Toluene-d8 (Surr)	106		80 - 122					06/19/18 20:37	1
1,2-Dichloroethane-d4 (Surr)	96		80 - 126					06/19/18 20:37	1
4-Bromofluorobenzene (Surr)	105		80 - 125					06/19/18 20:37	1
Dibromofluoromethane (Surr)	95		77 - 120					06/19/18 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	100		20		ug/L	-		06/20/18 21:10	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/20/18 21:10	10
Toluene-d8 (Surr)	106		80 - 122					06/20/18 21:10	10
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					06/20/18 21:10	10
4-Bromofluorobenzene (Surr)	105		80 - 125					06/20/18 21:10	10
Dibromofluoromethane (Surr)	97		77 - 120					06/20/18 21:10	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	2500		150		ug/L	-		06/20/18 20:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/20/18 20:46	50
Toluene-d8 (Surr)	106		80 - 122					06/20/18 20:46	50
1,2-Dichloroethane-d4 (Surr)	103		80 - 126					06/20/18 20:46	50
4-Bromofluorobenzene (Surr)	103		80 - 125					06/20/18 20:46	50
Dibromofluoromethane (Surr)	98		77 - 120					06/20/18 20:46	50

Method: 8260C - Volatile Organic Compounds by GC/MS - DL3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	9400		300		ug/L	-		06/23/18 13:51	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120					06/23/18 13:51	100
Toluene-d8 (Surr)	104		80 - 122					06/23/18 13:51	100
1,2-Dichloroethane-d4 (Surr)	102		80 - 126					06/23/18 13:51	100
4-Bromofluorobenzene (Surr)	104		80 - 125					06/23/18 13:51	100
Dibromofluoromethane (Surr)	101		77 - 120					06/23/18 13:51	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	46000		25000		ug/L	-		06/21/18 13:43	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		50 - 150					06/21/18 13:43	100
Trifluorotoluene (Surr)	101		50 - 150					06/21/18 13:43	100

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-56_20180613

Lab Sample ID: 580-78092-14

Date Collected: 06/13/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

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		06/19/18 09:32	06/21/18 13:34	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/19/18 09:32	06/21/18 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	66		50 - 150				06/19/18 09:32	06/21/18 13:34	1

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-57_20180613

Lab Sample ID: 580-78092-15

Date Collected: 06/13/18 15:30

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	15		3.0		ug/L			06/19/18 21:01	1
Toluene	ND		2.0		ug/L			06/19/18 21:01	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 120					06/19/18 21:01	1
Toluene-d8 (Surr)	106		80 - 122					06/19/18 21:01	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					06/19/18 21:01	1
4-Bromofluorobenzene (Surr)	104		80 - 125					06/19/18 21:01	1
Dibromofluoromethane (Surr)	95		77 - 120					06/19/18 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		3.0		ug/L			06/20/18 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120					06/20/18 17:28	1
Toluene-d8 (Surr)	106		80 - 122					06/20/18 17:28	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126					06/20/18 17:28	1
4-Bromofluorobenzene (Surr)	104		80 - 125					06/20/18 17:28	1
Dibromofluoromethane (Surr)	98		77 - 120					06/20/18 17:28	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			06/23/18 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		50 - 150					06/23/18 15:03	1
Trifluorotoluene (Surr)	84		50 - 150					06/23/18 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	150		110		ug/L		06/19/18 09:32	06/21/18 13:56	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/19/18 09:32	06/21/18 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150				06/19/18 09:32	06/21/18 13:56	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-58_20180613

Lab Sample ID: 580-78092-16

Date Collected: 06/13/18 14:50

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 21:25	1
Toluene	ND		2.0		ug/L			06/19/18 21:25	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 21:25	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 21:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/19/18 21:25	1
Toluene-d8 (Surr)	106		80 - 122		06/19/18 21:25	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/19/18 21:25	1
4-Bromofluorobenzene (Surr)	105		80 - 125		06/19/18 21:25	1
Dibromofluoromethane (Surr)	96		77 - 120		06/19/18 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1600		250		ug/L			06/23/18 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	X	50 - 150		06/23/18 17:07	1
Trifluorotoluene (Surr)	83		50 - 150		06/23/18 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	6100		110		ug/L		06/19/18 09:32	06/21/18 14:18	1
Motor Oil (>C24-C36)	770		360		ug/L		06/19/18 09:32	06/21/18 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	06/19/18 09:32	06/21/18 14:18	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-59_20180613

Lab Sample ID: 580-78092-17

Date Collected: 06/13/18 12:45

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 18:43	1
Toluene	ND		2.0		ug/L			06/16/18 18:43	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 18:43	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 120		06/16/18 18:43	1
Toluene-d8 (Surr)	101		80 - 122		06/16/18 18:43	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		06/16/18 18:43	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/16/18 18:43	1
Dibromofluoromethane (Surr)	100		77 - 120		06/16/18 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2300	*	250		ug/L			06/22/18 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	X	50 - 150		06/22/18 17:44	1
Trifluorotoluene (Surr)	79		50 - 150		06/22/18 17:44	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)	13000		110		ug/L		06/19/18 09:32	06/21/18 14:39	1
Motor Oil (>C24-C36)	1300		350		ug/L		06/19/18 09:32	06/21/18 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	98		50 - 150	06/19/18 09:32	06/21/18 14:39	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-60_20180613

Lab Sample ID: 580-78092-18

Date Collected: 06/13/18 12:20

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 19:10	1
Toluene	ND		2.0		ug/L			06/16/18 19:10	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 19:10	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 120		06/16/18 19:10	1
Toluene-d8 (Surr)	103		80 - 122		06/16/18 19:10	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126		06/16/18 19:10	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/16/18 19:10	1
Dibromofluoromethane (Surr)	101		77 - 120		06/16/18 19:10	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			06/22/18 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		06/22/18 18:15	1
Trifluorotoluene (Surr)	62		50 - 150		06/22/18 18:15	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		06/19/18 09:32	06/21/18 15:02	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/19/18 09:32	06/21/18 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	06/19/18 09:32	06/21/18 15:02	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-61_20180613

Lab Sample ID: 580-78092-19

Date Collected: 06/13/18 15:15

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 19:37	1
Toluene	ND		2.0		ug/L			06/16/18 19:37	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 19:37	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120		06/16/18 19:37	1
Toluene-d8 (Surr)	103		80 - 122		06/16/18 19:37	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		06/16/18 19:37	1
4-Bromofluorobenzene (Surr)	101		80 - 125		06/16/18 19:37	1
Dibromofluoromethane (Surr)	100		77 - 120		06/16/18 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*	250		ug/L			06/22/18 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150		06/22/18 18:47	1
Trifluorotoluene (Surr)	67		50 - 150		06/22/18 18:47	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		06/19/18 09:32	06/20/18 17:51	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/19/18 09:32	06/20/18 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150	06/19/18 09:32	06/20/18 17:51	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-62_20180613

Lab Sample ID: 580-78092-20

Date Collected: 06/13/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 20:02	1
Toluene	ND		2.0		ug/L			06/16/18 20:02	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 20:02	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120		06/16/18 20:02	1
Toluene-d8 (Surr)	103		80 - 122		06/16/18 20:02	1
1,2-Dichloroethane-d4 (Surr)	95		80 - 126		06/16/18 20:02	1
4-Bromofluorobenzene (Surr)	103		80 - 125		06/16/18 20:02	1
Dibromofluoromethane (Surr)	100		77 - 120		06/16/18 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*	250		ug/L			06/22/18 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150		06/22/18 19:18	1
Trifluorotoluene (Surr)	59		50 - 150		06/22/18 19:18	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		110		ug/L		06/19/18 09:32	06/20/18 18:14	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/19/18 09:32	06/20/18 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	56		50 - 150	06/19/18 09:32	06/20/18 18:14	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-63_20180613

Lab Sample ID: 580-78092-21

Date Collected: 06/13/18 16:15

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 20:29	1
Toluene	ND		2.0		ug/L			06/16/18 20:29	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 20:29	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120		06/16/18 20:29	1
Toluene-d8 (Surr)	102		80 - 122		06/16/18 20:29	1
1,2-Dichloroethane-d4 (Surr)	94		80 - 126		06/16/18 20:29	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/16/18 20:29	1
Dibromofluoromethane (Surr)	98		77 - 120		06/16/18 20:29	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			06/22/18 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150		06/22/18 19:49	1
Trifluorotoluene (Surr)	76		50 - 150		06/22/18 19:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/19/18 09:32	06/20/18 18:36	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/19/18 09:32	06/20/18 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	64		50 - 150	06/19/18 09:32	06/20/18 18:36	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-64_20180612

Lab Sample ID: 580-78092-22

Date Collected: 06/12/18 16:25

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	8.0		3.0		ug/L			06/19/18 21:50	1
Toluene	ND		2.0		ug/L			06/19/18 21:50	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 21:50	1
Xylenes, Total	5.9		3.0		ug/L			06/19/18 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		06/19/18 21:50	1
Toluene-d8 (Surr)	107		80 - 122		06/19/18 21:50	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/19/18 21:50	1
4-Bromofluorobenzene (Surr)	104		80 - 125		06/19/18 21:50	1
Dibromofluoromethane (Surr)	97		77 - 120		06/19/18 21:50	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			06/22/18 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	X	50 - 150		06/22/18 20:51	1
Trifluorotoluene (Surr)	103		50 - 150		06/22/18 20:51	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)	2600		110		ug/L		06/19/18 09:32	06/21/18 15:45	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/19/18 09:32	06/21/18 15:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		50 - 150	06/19/18 09:32	06/21/18 15:45	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-66_20180613

Lab Sample ID: 580-78092-23

Date Collected: 06/13/18 08:25

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	4.8		2.0		ug/L			06/19/18 22:14	1
Xylenes, Total	10		3.0		ug/L			06/19/18 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/19/18 22:14	1
Toluene-d8 (Surr)	106		80 - 122					06/19/18 22:14	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 126					06/19/18 22:14	1
4-Bromofluorobenzene (Surr)	105		80 - 125					06/19/18 22:14	1
Dibromofluoromethane (Surr)	96		77 - 120					06/19/18 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	140		30		ug/L			06/20/18 21:35	10
Ethylbenzene	240		30		ug/L			06/20/18 21:35	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/20/18 21:35	10
Toluene-d8 (Surr)	106		80 - 122					06/20/18 21:35	10
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/20/18 21:35	10
4-Bromofluorobenzene (Surr)	102		80 - 125					06/20/18 21:35	10
Dibromofluoromethane (Surr)	97		77 - 120					06/20/18 21:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2900	F1 F2 *	250		ug/L			06/22/18 21:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	X	50 - 150					06/22/18 21:22	1
Trifluorotoluene (Surr)	121		50 - 150					06/22/18 21:22	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)	1300		110		ug/L		06/19/18 09:32	06/21/18 16:07	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/19/18 09:32	06/21/18 16:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150				06/19/18 09:32	06/21/18 16:07	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-67_20180613

Lab Sample ID: 580-78092-24

Date Collected: 06/13/18 16:30

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.8		2.0		ug/L			06/16/18 21:46	1
Xylenes, Total	36		3.0		ug/L			06/16/18 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120					06/16/18 21:46	1
Toluene-d8 (Surr)	105		80 - 122					06/16/18 21:46	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 126					06/16/18 21:46	1
4-Bromofluorobenzene (Surr)	103		80 - 125					06/16/18 21:46	1
Dibromofluoromethane (Surr)	95		77 - 120					06/16/18 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	230		30		ug/L			06/19/18 17:46	10
Ethylbenzene	400		30		ug/L			06/19/18 17:46	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 120					06/19/18 17:46	10
Toluene-d8 (Surr)	101		80 - 122					06/19/18 17:46	10
1,2-Dichloroethane-d4 (Surr)	96		80 - 126					06/19/18 17:46	10
4-Bromofluorobenzene (Surr)	104		80 - 125					06/19/18 17:46	10
Dibromofluoromethane (Surr)	98		77 - 120					06/19/18 17:46	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	3000	*	250		ug/L			06/22/18 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	230	X	50 - 150					06/22/18 22:55	1
Trifluorotoluene (Surr)	107		50 - 150					06/22/18 22:55	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)	1200		110		ug/L		06/21/18 12:38	06/22/18 11:23	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/21/18 12:38	06/22/18 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	94		50 - 150				06/21/18 12:38	06/22/18 11:23	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-68_20180613

Lab Sample ID: 580-78092-25

Date Collected: 06/13/18 16:35

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 22:10	1
Toluene	ND		2.0		ug/L			06/16/18 22:10	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 22:10	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/16/18 22:10	1
Toluene-d8 (Surr)	107		80 - 122		06/16/18 22:10	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/16/18 22:10	1
4-Bromofluorobenzene (Surr)	98		80 - 125		06/16/18 22:10	1
Dibromofluoromethane (Surr)	98		77 - 120		06/16/18 22:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			06/23/18 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		50 - 150		06/23/18 15:35	1
Trifluorotoluene (Surr)	83		50 - 150		06/23/18 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)	ND		110		ug/L		06/21/18 12:38	06/22/18 11:43	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	06/21/18 12:38	06/22/18 11:43	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-69_20180613

Lab Sample ID: 580-78092-26

Date Collected: 06/13/18 15:40

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 22:34	1
Toluene	ND		2.0		ug/L			06/16/18 22:34	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 22:34	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/16/18 22:34	1
Toluene-d8 (Surr)	107		80 - 122		06/16/18 22:34	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/16/18 22:34	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/16/18 22:34	1
Dibromofluoromethane (Surr)	96		77 - 120		06/16/18 22:34	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			06/23/18 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		50 - 150		06/23/18 16:36	1
Trifluorotoluene (Surr)	82		50 - 150		06/23/18 16:36	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		06/21/18 12:38	06/22/18 12:03	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150	06/21/18 12:38	06/22/18 12:03	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-70_20180613

Lab Sample ID: 580-78092-27

Date Collected: 06/13/18 15:00

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 23:23	1
Toluene	ND		2.0		ug/L			06/16/18 23:23	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 23:23	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/16/18 23:23	1
Toluene-d8 (Surr)	107		80 - 122		06/16/18 23:23	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/16/18 23:23	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/16/18 23:23	1
Dibromofluoromethane (Surr)	96		77 - 120		06/16/18 23:23	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			06/24/18 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150		06/24/18 01:53	1
Trifluorotoluene (Surr)	80		50 - 150		06/24/18 01:53	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)	ND	F1 F2	110		ug/L		06/21/18 12:38	06/22/18 12:23	1
Motor Oil (>C24-C36)	ND	F1 F2	350		ug/L		06/21/18 12:38	06/22/18 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150	06/21/18 12:38	06/22/18 12:23	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-71_20180612

Lab Sample ID: 580-78092-28

Date Collected: 06/12/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

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			06/16/18 22:58	1
Toluene	ND		2.0		ug/L			06/16/18 22:58	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 22:58	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/16/18 22:58	1
Toluene-d8 (Surr)	107		80 - 122		06/16/18 22:58	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/16/18 22:58	1
4-Bromofluorobenzene (Surr)	101		80 - 125		06/16/18 22:58	1
Dibromofluoromethane (Surr)	97		77 - 120		06/16/18 22:58	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			06/23/18 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150		06/23/18 17:38	1
Trifluorotoluene (Surr)	157	X	50 - 150		06/23/18 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	200		110		ug/L		06/21/18 12:38	06/22/18 13:43	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 13:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	06/21/18 12:38	06/22/18 13:43	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: AG-WELL_20180613

Lab Sample ID: 580-78092-29

Date Collected: 06/13/18 16:40

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 23:28	1
Toluene	ND		2.0		ug/L			06/19/18 23:28	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 23:28	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 23:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/19/18 23:28	1
Toluene-d8 (Surr)	107		80 - 122		06/19/18 23:28	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 126		06/19/18 23:28	1
4-Bromofluorobenzene (Surr)	101		80 - 125		06/19/18 23:28	1
Dibromofluoromethane (Surr)	95		77 - 120		06/19/18 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			06/23/18 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		50 - 150		06/23/18 18:09	1
Trifluorotoluene (Surr)	84		50 - 150		06/23/18 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/21/18 12:38	06/22/18 14:03	1
Motor Oil (>C24-C36)	ND		360		ug/L		06/21/18 12:38	06/22/18 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	06/21/18 12:38	06/22/18 14:03	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Trip Blank-1

Lab Sample ID: 580-78092-30

Date Collected: 06/13/18 00:00

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 15:42	1
Toluene	ND		2.0		ug/L			06/19/18 15:42	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 15:42	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/19/18 15:42	1
Toluene-d8 (Surr)	107		80 - 122		06/19/18 15:42	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/19/18 15:42	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/19/18 15:42	1
Dibromofluoromethane (Surr)	98		77 - 120		06/19/18 15:42	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			06/21/18 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		50 - 150		06/21/18 17:58	1
Trifluorotoluene (Surr)	92		50 - 150		06/21/18 17:58	1

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Trip Blank-2

Lab Sample ID: 580-78092-31

Date Collected: 06/13/18 00:00

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 16:07	1
Toluene	ND		2.0		ug/L			06/19/18 16:07	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 16:07	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120		06/19/18 16:07	1
Toluene-d8 (Surr)	107		80 - 122		06/19/18 16:07	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/19/18 16:07	1
4-Bromofluorobenzene (Surr)	99		80 - 125		06/19/18 16:07	1
Dibromofluoromethane (Surr)	97		77 - 120		06/19/18 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*	250		ug/L			06/21/18 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		50 - 150		06/21/18 18:29	1
Trifluorotoluene (Surr)	100		50 - 150		06/21/18 18:29	1

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Trip Blank-3

Lab Sample ID: 580-78092-32

Date Collected: 06/13/18 00:00

Matrix: Water

Date Received: 06/14/18 11:15

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			06/19/18 16:31	1
Toluene	ND		2.0		ug/L			06/19/18 16:31	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 16:31	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 120		06/19/18 16:31	1
Toluene-d8 (Surr)	104		80 - 122		06/19/18 16:31	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/19/18 16:31	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/19/18 16:31	1
Dibromofluoromethane (Surr)	100		77 - 120		06/19/18 16:31	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			06/21/18 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150		06/21/18 19:00	1
Trifluorotoluene (Surr)	101		50 - 150		06/21/18 19:00	1

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Dup-1
Date Collected: 06/13/18 08:00
Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-33
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16		15		ug/L			06/20/18 22:49	5
Toluene	ND		10		ug/L			06/20/18 22:49	5
Ethylbenzene	ND		15		ug/L			06/20/18 22:49	5
Xylenes, Total	ND		15		ug/L			06/20/18 22:49	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/20/18 22:49	5
Toluene-d8 (Surr)	105		80 - 122		06/20/18 22:49	5
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/20/18 22:49	5
4-Bromofluorobenzene (Surr)	102		80 - 125		06/20/18 22:49	5
Dibromofluoromethane (Surr)	97		77 - 120		06/20/18 22:49	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	550	*	250		ug/L			06/21/18 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136		50 - 150					06/21/18 19:31	1
Trifluorotoluene (Surr)	104		50 - 150					06/21/18 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	310		110		ug/L		06/21/18 12:38	06/22/18 14:23	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	50		50 - 150				06/21/18 12:38	06/22/18 14:23	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Dup-2

Lab Sample ID: 580-78092-34

Date Collected: 06/13/18 06:30

Matrix: Water

Date Received: 06/14/18 11:15

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			06/21/18 00:03	1
Toluene	ND		2.0		ug/L			06/21/18 00:03	1
Ethylbenzene	ND		3.0		ug/L			06/21/18 00:03	1
Xylenes, Total	ND		3.0		ug/L			06/21/18 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 120		06/21/18 00:03	1
Toluene-d8 (Surr)	105		80 - 122		06/21/18 00:03	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/21/18 00:03	1
4-Bromofluorobenzene (Surr)	104		80 - 125		06/21/18 00:03	1
Dibromofluoromethane (Surr)	97		77 - 120		06/21/18 00:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1800	*	250		ug/L			06/21/18 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	X	50 - 150		06/21/18 20:02	1
Trifluorotoluene (Surr)	102		50 - 150		06/21/18 20:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	5600		110		ug/L		06/21/18 12:38	06/22/18 14:43	1
Motor Oil (>C24-C36)	910		350		ug/L		06/21/18 12:38	06/22/18 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	68		50 - 150	06/21/18 12:38	06/22/18 14:43	1

TestAmerica Seattle

Client Sample Results

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Dup-3

Lab Sample ID: 580-78092-35

Date Collected: 06/12/18 12:00

Matrix: Water

Date Received: 06/14/18 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	23		3.0		ug/L			06/21/18 00:28	1
Toluene	14		2.0		ug/L			06/21/18 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/21/18 00:28	1
Toluene-d8 (Surr)	106		80 - 122					06/21/18 00:28	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126					06/21/18 00:28	1
4-Bromofluorobenzene (Surr)	105		80 - 125					06/21/18 00:28	1
Dibromofluoromethane (Surr)	97		77 - 120					06/21/18 00:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	380		300		ug/L			06/21/18 22:21	100
Xylenes, Total	1600		300		ug/L			06/21/18 22:21	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120					06/21/18 22:21	100
Toluene-d8 (Surr)	103		80 - 122					06/21/18 22:21	100
1,2-Dichloroethane-d4 (Surr)	105		80 - 126					06/21/18 22:21	100
4-Bromofluorobenzene (Surr)	105		80 - 125					06/21/18 22:21	100
Dibromofluoromethane (Surr)	97		77 - 120					06/21/18 22:21	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	30000		25000		ug/L			06/23/18 18:40	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150					06/23/18 18:40	100
Trifluorotoluene (Surr)	80		50 - 150					06/23/18 18:40	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2700		110		ug/L		06/21/18 12:38	06/22/18 15:03	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	51		50 - 150				06/21/18 12:38	06/22/18 15:03	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-276450/5

Matrix: Water

Analysis Batch: 276450

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			06/16/18 15:15	1
Toluene	ND		2.0		ug/L			06/16/18 15:15	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 15:15	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 15:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/16/18 15:15	1
Toluene-d8 (Surr)	107		80 - 122		06/16/18 15:15	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/16/18 15:15	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/16/18 15:15	1
Dibromofluoromethane (Surr)	98		77 - 120		06/16/18 15:15	1

Lab Sample ID: LCS 580-276450/6

Matrix: Water

Analysis Batch: 276450

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.62		ug/L		96	75 - 128
Toluene	10.0	9.80		ug/L		98	75 - 120
Ethylbenzene	10.0	9.99		ug/L		100	75 - 120
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	75 - 120
o-Xylene	10.0	10.4		ug/L		104	74 - 120
Xylenes, Total	20.0	20.6		ug/L		103	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	97		80 - 120
Toluene-d8 (Surr)	102		80 - 122
1,2-Dichloroethane-d4 (Surr)	99		80 - 126
4-Bromofluorobenzene (Surr)	99		80 - 125
Dibromofluoromethane (Surr)	98		77 - 120

Lab Sample ID: LCSD 580-276450/7

Matrix: Water

Analysis Batch: 276450

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	9.72		ug/L		97	75 - 128	1	14
Toluene	10.0	9.90		ug/L		99	75 - 120	1	13
Ethylbenzene	10.0	10.1		ug/L		101	75 - 120	1	14
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	75 - 120	0	14
o-Xylene	10.0	10.5		ug/L		105	74 - 120	1	16
Xylenes, Total	20.0	20.7		ug/L		104	74 - 120	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCSD 580-276450/7

Matrix: Water

Analysis Batch: 276450

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: 580-78092-27 MS

Matrix: Water

Analysis Batch: 276450

Client Sample ID: MW-70_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		11.6	11.8		ug/L		102	75 - 128
Toluene	ND		11.6	12.2		ug/L		105	75 - 120
Ethylbenzene	ND		11.6	12.4		ug/L		107	75 - 120
m-Xylene & p-Xylene	ND		11.6	12.4		ug/L		107	75 - 120
o-Xylene	ND		11.6	12.6		ug/L		108	74 - 120
Xylenes, Total	ND		23.3	25.0		ug/L		107	74 - 120

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

Lab Sample ID: 580-78092-27 MSD

Matrix: Water

Analysis Batch: 276450

Client Sample ID: MW-70_20180613

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		11.6	11.1		ug/L		95	75 - 128	6	35
Toluene	ND		11.6	11.4		ug/L		98	75 - 120	6	35
Ethylbenzene	ND		11.6	11.8		ug/L		101	75 - 120	6	35
m-Xylene & p-Xylene	ND		11.6	11.8		ug/L		101	75 - 120	5	35
o-Xylene	ND		11.6	11.9		ug/L		103	74 - 120	5	35
Xylenes, Total	ND		23.3	23.7		ug/L		102	74 - 120	5	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	100		80 - 126
4-Bromofluorobenzene (Surr)	98		80 - 125
Dibromofluoromethane (Surr)	97		77 - 120

Lab Sample ID: MB 580-276464/5

Matrix: Water

Analysis Batch: 276464

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			06/16/18 13:30	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-276464/5

Matrix: Water

Analysis Batch: 276464

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			06/16/18 13:30	1
Ethylbenzene	ND		3.0		ug/L			06/16/18 13:30	1
Xylenes, Total	ND		3.0		ug/L			06/16/18 13:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 120		06/16/18 13:30	1
Toluene-d8 (Surr)	104		80 - 122		06/16/18 13:30	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 126		06/16/18 13:30	1
4-Bromofluorobenzene (Surr)	100		80 - 125		06/16/18 13:30	1
Dibromofluoromethane (Surr)	103		77 - 120		06/16/18 13:30	1

Lab Sample ID: LCS 580-276464/6

Matrix: Water

Analysis Batch: 276464

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.63		ug/L		96	75 - 128
Toluene	10.0	10.0		ug/L		100	75 - 120
Ethylbenzene	10.0	9.99		ug/L		100	75 - 120
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	75 - 120
o-Xylene	10.0	10.3		ug/L		103	74 - 120
Xylenes, Total	20.0	20.3		ug/L		102	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	105		80 - 120
Toluene-d8 (Surr)	103		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	103		80 - 125
Dibromofluoromethane (Surr)	104		77 - 120

Lab Sample ID: LCSD 580-276464/7

Matrix: Water

Analysis Batch: 276464

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	9.18		ug/L		92	75 - 128	5	14
Toluene	10.0	9.83		ug/L		98	75 - 120	2	13
Ethylbenzene	10.0	10.2		ug/L		102	75 - 120	2	14
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	75 - 120	0	14
o-Xylene	10.0	10.1		ug/L		101	74 - 120	3	16
Xylenes, Total	20.0	20.2		ug/L		101	74 - 120	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	106		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	100		80 - 126
4-Bromofluorobenzene (Surr)	103		80 - 125

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCSD 580-276464/7

Matrix: Water

Analysis Batch: 276464

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Dibromofluoromethane (Surr)	101		77 - 120

Lab Sample ID: MB 580-276652/5

Matrix: Water

Analysis Batch: 276652

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			06/19/18 12:06	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 12:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	110		80 - 120		06/19/18 12:06	1
Toluene-d8 (Surr)	105		80 - 122		06/19/18 12:06	1
1,2-Dichloroethane-d4 (Surr)	94		80 - 126		06/19/18 12:06	1
4-Bromofluorobenzene (Surr)	102		80 - 125		06/19/18 12:06	1
Dibromofluoromethane (Surr)	99		77 - 120		06/19/18 12:06	1

Lab Sample ID: LCS 580-276652/6

Matrix: Water

Analysis Batch: 276652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.06		ug/L		91	75 - 128
Ethylbenzene	10.0	10.3		ug/L		103	75 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	112		80 - 120
Toluene-d8 (Surr)	102		80 - 122
1,2-Dichloroethane-d4 (Surr)	91		80 - 126
4-Bromofluorobenzene (Surr)	103		80 - 125
Dibromofluoromethane (Surr)	97		77 - 120

Lab Sample ID: LCSD 580-276652/7

Matrix: Water

Analysis Batch: 276652

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	9.53		ug/L		95	75 - 128	5	14
Ethylbenzene	10.0	10.3		ug/L		103	75 - 120	0	14

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	110		80 - 120
Toluene-d8 (Surr)	103		80 - 122
1,2-Dichloroethane-d4 (Surr)	92		80 - 126
4-Bromofluorobenzene (Surr)	102		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-276673/5

Matrix: Water

Analysis Batch: 276673

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			06/19/18 14:29	1
Toluene	ND		2.0		ug/L			06/19/18 14:29	1
Ethylbenzene	ND		3.0		ug/L			06/19/18 14:29	1
Xylenes, Total	ND		3.0		ug/L			06/19/18 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/19/18 14:29	1
Toluene-d8 (Surr)	107		80 - 122		06/19/18 14:29	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/19/18 14:29	1
4-Bromofluorobenzene (Surr)	99		80 - 125		06/19/18 14:29	1
Dibromofluoromethane (Surr)	98		77 - 120		06/19/18 14:29	1

Lab Sample ID: LCS 580-276673/6

Matrix: Water

Analysis Batch: 276673

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.60		ug/L		96	75 - 128
Toluene	10.0	9.62		ug/L		96	75 - 120
Ethylbenzene	10.0	9.66		ug/L		97	75 - 120
m-Xylene & p-Xylene	10.0	9.83		ug/L		98	75 - 120
o-Xylene	10.0	10.1		ug/L		101	74 - 120
Xylenes, Total	20.0	19.9		ug/L		100	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	102		80 - 126
4-Bromofluorobenzene (Surr)	98		80 - 125
Dibromofluoromethane (Surr)	100		77 - 120

Lab Sample ID: LCSD 580-276673/7

Matrix: Water

Analysis Batch: 276673

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	4	14
Toluene	10.0	10.1		ug/L		101	75 - 120	5	13
Ethylbenzene	10.0	10.2		ug/L		102	75 - 120	6	14
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	75 - 120	5	14
o-Xylene	10.0	10.4		ug/L		104	74 - 120	4	16
Xylenes, Total	20.0	20.8		ug/L		104	74 - 120	4	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	100		80 - 126

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCSD 580-276673/7

Matrix: Water

Analysis Batch: 276673

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		80 - 125
Dibromofluoromethane (Surr)	98		77 - 120

Lab Sample ID: 580-78092-8 MS

Matrix: Water

Analysis Batch: 276673

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		11.6	13.8		ug/L		119	75 - 128
Toluene	ND		11.6	13.9		ug/L		119	75 - 120
Ethylbenzene	ND	F1	11.6	14.2	F1	ug/L		122	75 - 120
m-Xylene & p-Xylene	ND	F1	11.6	14.1	F1	ug/L		121	75 - 120
o-Xylene	ND	F1	11.6	14.1	F1	ug/L		121	74 - 120
Xylenes, Total	ND	F1	23.3	28.2	F1	ug/L		121	74 - 120

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	102		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	101		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: 580-78092-8 MSD

Matrix: Water

Analysis Batch: 276673

Client Sample ID: MW-39_20180613

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		11.6	9.77		ug/L		84	75 - 128	34	35
Toluene	ND		11.6	9.92		ug/L		85	75 - 120	33	35
Ethylbenzene	ND	F1	11.6	10.2		ug/L		88	75 - 120	33	35
m-Xylene & p-Xylene	ND	F1	11.6	10.3		ug/L		88	75 - 120	31	35
o-Xylene	ND	F1	11.6	10.4		ug/L		90	74 - 120	30	35
Xylenes, Total	ND	F1	23.3	20.7		ug/L		89	74 - 120	31	35

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

Lab Sample ID: 580-78092-23 MS

Matrix: Water

Analysis Batch: 276673

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	4.8		11.6	15.4		ug/L		91	75 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: 580-78092-23 MS

Matrix: Water

Analysis Batch: 276673

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	10		11.6	21.0		ug/L		94	75 - 120
o-Xylene	ND		11.6	11.6		ug/L		95	74 - 120
Xylenes, Total	10		23.3	32.6		ug/L		97	74 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	97		77 - 120

Lab Sample ID: 580-78092-23 MSD

Matrix: Water

Analysis Batch: 276673

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	4.8		11.6	16.6		ug/L		102	75 - 120	8	35
m-Xylene & p-Xylene	10		11.6	21.5		ug/L		99	75 - 120	3	35
o-Xylene	ND		11.6	12.7		ug/L		105	74 - 120	9	35
Xylenes, Total	10		23.3	34.2		ug/L		104	74 - 120	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	103		80 - 122
1,2-Dichloroethane-d4 (Surr)	98		80 - 126
4-Bromofluorobenzene (Surr)	103		80 - 125
Dibromofluoromethane (Surr)	96		77 - 120

Lab Sample ID: MB 580-276816/5

Matrix: Water

Analysis Batch: 276816

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			06/20/18 15:25	1
Toluene	ND		2.0		ug/L			06/20/18 15:25	1
Ethylbenzene	ND		3.0		ug/L			06/20/18 15:25	1
Xylenes, Total	ND		3.0		ug/L			06/20/18 15:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 120		06/20/18 15:25	1
Toluene-d8 (Surr)	106		80 - 122		06/20/18 15:25	1
1,2-Dichloroethane-d4 (Surr)	103		80 - 126		06/20/18 15:25	1
4-Bromofluorobenzene (Surr)	101		80 - 125		06/20/18 15:25	1
Dibromofluoromethane (Surr)	97		77 - 120		06/20/18 15:25	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCS 580-276816/6

Matrix: Water

Analysis Batch: 276816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.75		ug/L		97	75 - 128
Toluene	10.0	9.79		ug/L		98	75 - 120
Ethylbenzene	10.0	10.1		ug/L		101	75 - 120
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	75 - 120
o-Xylene	10.0	10.4		ug/L		104	74 - 120
Xylenes, Total	20.0	20.7		ug/L		104	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	99		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: LCSD 580-276816/7

Matrix: Water

Analysis Batch: 276816

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	9.97		ug/L		100	75 - 128	2	14
Toluene	10.0	10.1		ug/L		101	75 - 120	3	13
Ethylbenzene	10.0	10.4		ug/L		104	75 - 120	3	14
m-Xylene & p-Xylene	10.0	10.6		ug/L		106	75 - 120	3	14
o-Xylene	10.0	10.7		ug/L		107	74 - 120	3	16
Xylenes, Total	20.0	21.3		ug/L		107	74 - 120	3	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	100		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: MB 580-276929/5

Matrix: Water

Analysis Batch: 276929

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			06/21/18 12:45	1
Toluene	ND		2.0		ug/L			06/21/18 12:45	1
Ethylbenzene	ND		3.0		ug/L			06/21/18 12:45	1
Xylenes, Total	ND		3.0		ug/L			06/21/18 12:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 120		06/21/18 12:45	1
Toluene-d8 (Surr)	105		80 - 122		06/21/18 12:45	1
1,2-Dichloroethane-d4 (Surr)	102		80 - 126		06/21/18 12:45	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-276929/5

Matrix: Water

Analysis Batch: 276929

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		80 - 125		06/21/18 12:45	1
Dibromofluoromethane (Surr)	99		77 - 120		06/21/18 12:45	1

Lab Sample ID: LCS 580-276929/6

Matrix: Water

Analysis Batch: 276929

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	11.2		ug/L		112	75 - 120
Ethylbenzene	10.0	11.1		ug/L		111	75 - 120
m-Xylene & p-Xylene	10.0	11.1		ug/L		111	75 - 120
o-Xylene	10.0	11.4		ug/L		114	74 - 120
Xylenes, Total	20.0	22.5		ug/L		113	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 120
Toluene-d8 (Surr)	104		80 - 122
1,2-Dichloroethane-d4 (Surr)	102		80 - 126
4-Bromofluorobenzene (Surr)	104		80 - 125
Dibromofluoromethane (Surr)	100		77 - 120

Lab Sample ID: LCSD 580-276929/7

Matrix: Water

Analysis Batch: 276929

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.1		ug/L		101	75 - 128	11	14
Toluene	10.0	10.6		ug/L		106	75 - 120	6	13
Ethylbenzene	10.0	10.5		ug/L		105	75 - 120	5	14
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	75 - 120	6	14
o-Xylene	10.0	10.4		ug/L		104	74 - 120	9	16
Xylenes, Total	20.0	20.9		ug/L		105	74 - 120	7	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	104		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	105		80 - 125
Dibromofluoromethane (Surr)	99		77 - 120

Lab Sample ID: MB 580-277151/5

Matrix: Water

Analysis Batch: 277151

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			06/23/18 11:14	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-277151/5

Matrix: Water

Analysis Batch: 277151

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			06/23/18 11:14	1
Ethylbenzene	ND		3.0		ug/L			06/23/18 11:14	1
Xylenes, Total	ND		3.0		ug/L			06/23/18 11:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 120		06/23/18 11:14	1
Toluene-d8 (Surr)	102		80 - 122		06/23/18 11:14	1
1,2-Dichloroethane-d4 (Surr)	100		80 - 126		06/23/18 11:14	1
4-Bromofluorobenzene (Surr)	103		80 - 125		06/23/18 11:14	1
Dibromofluoromethane (Surr)	101		77 - 120		06/23/18 11:14	1

Lab Sample ID: LCS 580-277151/6

Matrix: Water

Analysis Batch: 277151

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	10.7		ug/L		107	75 - 128
Toluene	10.0	10.8		ug/L		108	75 - 120
Ethylbenzene	10.0	10.6		ug/L		106	75 - 120
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	75 - 120
o-Xylene	10.0	10.7		ug/L		107	74 - 120
Xylenes, Total	20.0	21.2		ug/L		106	74 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 120
Toluene-d8 (Surr)	103		80 - 122
1,2-Dichloroethane-d4 (Surr)	99		80 - 126
4-Bromofluorobenzene (Surr)	102		80 - 125
Dibromofluoromethane (Surr)	100		77 - 120

Lab Sample ID: LCSD 580-277151/7

Matrix: Water

Analysis Batch: 277151

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	9.30		ug/L		93	75 - 128	14	14
Toluene	10.0	9.62		ug/L		96	75 - 120	11	13
Ethylbenzene	10.0	9.71		ug/L		97	75 - 120	8	14
m-Xylene & p-Xylene	10.0	9.68		ug/L		97	75 - 120	8	14
o-Xylene	10.0	9.71		ug/L		97	74 - 120	9	16
Xylenes, Total	20.0	19.4		ug/L		97	74 - 120	9	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 122
1,2-Dichloroethane-d4 (Surr)	101		80 - 126
4-Bromofluorobenzene (Surr)	104		80 - 125

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCSD 580-277151/7

Matrix: Water

Analysis Batch: 277151

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	102		77 - 120

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

Lab Sample ID: 580-78092-23 MS

Matrix: Water

Analysis Batch: 276816

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene - DL	140		116	250		ug/L		91	75 - 128
Ethylbenzene - DL	240		116	344		ug/L		89	75 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr) - DL	98		80 - 120
Toluene-d8 (Surr) - DL	101		80 - 122
1,2-Dichloroethane-d4 (Surr) - DL	100		80 - 126
4-Bromofluorobenzene (Surr) - DL	99		80 - 125
Dibromofluoromethane (Surr) - DL	98		77 - 120

Lab Sample ID: 580-78092-23 MSD

Matrix: Water

Analysis Batch: 276816

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene - DL	140		116	265		ug/L		105	75 - 128	6	35
Ethylbenzene - DL	240		116	356		ug/L		100	75 - 120	4	35

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

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

Lab Sample ID: MB 580-276481/6

Matrix: Water

Analysis Batch: 276481

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			06/16/18 14:32	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-276481/6

Matrix: Water

Analysis Batch: 276481

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		50 - 150		06/16/18 14:32	1
Trifluorotoluene (Surr)	108		50 - 150		06/16/18 14:32	1

Lab Sample ID: LCS 580-276481/7

Matrix: Water

Analysis Batch: 276481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	910		ug/L		91	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	118		50 - 150				
Trifluorotoluene (Surr)	104		50 - 150				

Lab Sample ID: LCSD 580-276481/8

Matrix: Water

Analysis Batch: 276481

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	945		ug/L		94	79 - 120	4	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		50 - 150						
Trifluorotoluene (Surr)	106		50 - 150						

Lab Sample ID: MB 580-276732/5

Matrix: Water

Analysis Batch: 276732

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			06/19/18 14:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	91		50 - 150		06/19/18 14:23	1			
Trifluorotoluene (Surr)	100		50 - 150		06/19/18 14:23	1			

Lab Sample ID: LCS 580-276732/6

Matrix: Water

Analysis Batch: 276732

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	871		ug/L		87	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	86		50 - 150				
Trifluorotoluene (Surr)	101		50 - 150				

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCSD 580-276732/7

Matrix: Water

Analysis Batch: 276732

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	856		ug/L		86	79 - 120	2	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		50 - 150
Trifluorotoluene (Surr)	98		50 - 150

Lab Sample ID: MB 580-276866/5

Matrix: Water

Analysis Batch: 276866

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			06/20/18 19:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		50 - 150		06/20/18 19:09	1
Trifluorotoluene (Surr)	93		50 - 150		06/20/18 19:09	1

Lab Sample ID: LCS 580-276866/6

Matrix: Water

Analysis Batch: 276866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	803		ug/L		80	79 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		50 - 150
Trifluorotoluene (Surr)	99		50 - 150

Lab Sample ID: LCSD 580-276866/7

Matrix: Water

Analysis Batch: 276866

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	856		ug/L		86	79 - 120	6	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		50 - 150
Trifluorotoluene (Surr)	102		50 - 150

Lab Sample ID: 580-78092-8 MS

Matrix: Water

Analysis Batch: 276866

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	ND		1000	828		ug/L		83	79 - 120

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: 580-78092-8 MS

Matrix: Water

Analysis Batch: 276866

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		50 - 150
Trifluorotoluene (Surr)	101		50 - 150

Lab Sample ID: 580-78092-8 MSD

Matrix: Water

Analysis Batch: 276866

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	ND		1000	859		ug/L		86	79 - 120	4	10

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	79		50 - 150
Trifluorotoluene (Surr)	102		50 - 150

Lab Sample ID: MB 580-276977/6

Matrix: Water

Analysis Batch: 276977

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			06/21/18 16:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		06/21/18 16:25	1
Trifluorotoluene (Surr)	101		50 - 150		06/21/18 16:25	1

Lab Sample ID: LCS 580-276977/7

Matrix: Water

Analysis Batch: 276977

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	865		ug/L		87	79 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		50 - 150
Trifluorotoluene (Surr)	95		50 - 150

Lab Sample ID: LCSD 580-276977/8

Matrix: Water

Analysis Batch: 276977

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1000	962	*	ug/L		96	79 - 120	11	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		50 - 150
Trifluorotoluene (Surr)	105		50 - 150

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-277102/6

Matrix: Water

Analysis Batch: 277102

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			06/22/18 15:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150					06/22/18 15:09	1
Trifluorotoluene (Surr)	81		50 - 150					06/22/18 15:09	1

Lab Sample ID: LCS 580-277102/7

Matrix: Water

Analysis Batch: 277102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1000	878		ug/L		88	79 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	105		50 - 150				
Trifluorotoluene (Surr)	93		50 - 150				

Lab Sample ID: LCSD 580-277102/8

Matrix: Water

Analysis Batch: 277102

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	990	*	ug/L		99	79 - 120	12	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	114		50 - 150						
Trifluorotoluene (Surr)	104		50 - 150						

Lab Sample ID: 580-78092-23 MS

Matrix: Water

Analysis Batch: 277102

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	2900	F1 F2 *	1000	3320	F1	ug/L		47	79 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	212	X	50 - 150						
Trifluorotoluene (Surr)	82		50 - 150						

Lab Sample ID: 580-78092-23 MSD

Matrix: Water

Analysis Batch: 277102

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	2900	F1 F2 *	1000	2880	F1 F2	ug/L		2	79 - 120	14	10

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: 580-78092-23 MSD

Matrix: Water

Analysis Batch: 277102

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	208	X	50 - 150
Trifluorotoluene (Surr)	113		50 - 150

Lab Sample ID: MB 580-277188/6

Matrix: Water

Analysis Batch: 277188

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		250		ug/L			06/23/18 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		50 - 150					06/23/18 13:31	1
Trifluorotoluene (Surr)	76		50 - 150					06/23/18 13:31	1

Lab Sample ID: LCS 580-277188/7

Matrix: Water

Analysis Batch: 277188

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Gasoline	Added	Result	Qualifier	ug/L		99	Limits
	1000	993					79 - 120
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	107		50 - 150				
Trifluorotoluene (Surr)	105		50 - 150				

Lab Sample ID: LCSD 580-277188/8

Matrix: Water

Analysis Batch: 277188

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		101	Limits	RPD Limit
	1000	1010					79 - 120	1 10
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	106		50 - 150					
Trifluorotoluene (Surr)	103		50 - 150					

Lab Sample ID: 580-78092-27 MS

Matrix: Water

Analysis Batch: 277188

Client Sample ID: MW-70_20180613

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
Gasoline	Result	Qualifier	Added	Result	Qualifier	ug/L		87	Limits
	ND		1000	873					79 - 120
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		50 - 150						
Trifluorotoluene (Surr)	83		50 - 150						

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: 580-78092-27 MSD

Matrix: Water

Analysis Batch: 277188

Client Sample ID: MW-70_20180613

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	ND		1000	924		ug/L		92	79 - 120	6	10
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		50 - 150								
Trifluorotoluene (Surr)	84		50 - 150								

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

Lab Sample ID: MB 580-276371/1-A

Matrix: Water

Analysis Batch: 276526

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/15/18 10:48	06/18/18 10:22	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/15/18 10:48	06/18/18 10:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	98		50 - 150				06/15/18 10:48	06/18/18 10:22	1

Lab Sample ID: LCS 580-276371/2-A

Matrix: Water

Analysis Batch: 276526

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2000	1710		ug/L		85	50 - 120		
Motor Oil (>C24-C36)	2000	1900		ug/L		95	64 - 120		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
o-Terphenyl	90		50 - 150						

Lab Sample ID: LCSD 580-276371/3-A

Matrix: Water

Analysis Batch: 276526

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276371

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2000	1730		ug/L		87	50 - 120	1	26
Motor Oil (>C24-C36)	2000	1880		ug/L		94	64 - 120	1	24
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	91		50 - 150						

Lab Sample ID: MB 580-276638/1-A

Matrix: Water

Analysis Batch: 276769

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		06/19/18 09:32	06/20/18 11:09	1

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: MB 580-276638/1-A

Matrix: Water

Analysis Batch: 276769

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil (>C24-C36)	ND		350		ug/L		06/19/18 09:32	06/20/18 11:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	62		50 - 150				06/19/18 09:32	06/20/18 11:09	1

Lab Sample ID: LCS 580-276638/2-A

Matrix: Water

Analysis Batch: 276769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2000	1330		ug/L		66	50 - 120
Motor Oil (>C24-C36)	2000	1580		ug/L		79	64 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	83		50 - 150				

Lab Sample ID: LCSD 580-276638/3-A

Matrix: Water

Analysis Batch: 276769

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276638

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1520		ug/L		76	50 - 120	14	26
Motor Oil (>C24-C36)	2000	1820		ug/L		91	64 - 120	14	24
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	76		50 - 150						

Lab Sample ID: 580-78092-8 MS

Matrix: Water

Analysis Batch: 276769

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Prep Batch: 276638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	190	F1 F2	2020	1430		ug/L		62	50 - 120
Motor Oil (>C24-C36)	ND		2020	1650		ug/L		76	64 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	73		50 - 150						

Lab Sample ID: 580-78092-8 MSD

Matrix: Water

Analysis Batch: 276769

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Prep Batch: 276638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	190	F1 F2	2040	1060	F1 F2	ug/L		43	50 - 120	30	26
Motor Oil (>C24-C36)	ND		2040	1790		ug/L		82	64 - 120	8	24

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: 580-78092-8 MSD

Matrix: Water

Analysis Batch: 276769

Client Sample ID: MW-39_20180613

Prep Type: Total/NA

Prep Batch: 276638

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	78		50 - 150

Lab Sample ID: 580-78092-23 MS

Matrix: Water

Analysis Batch: 276938

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Prep Batch: 276638

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
#2 Diesel (C10-C24)	1300		2040	2540		ug/L		59	50 - 120		
Motor Oil (>C24-C36)	ND		2040	1540		ug/L		70	64 - 120		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
<i>o</i> -Terphenyl	65		50 - 150								

Lab Sample ID: 580-78092-23 MSD

Matrix: Water

Analysis Batch: 276938

Client Sample ID: MW-66_20180613

Prep Type: Total/NA

Prep Batch: 276638

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	1300		2030	2740		ug/L		69	50 - 120	8	26
Motor Oil (>C24-C36)	ND		2030	1810		ug/L		83	64 - 120	16	24
					</						

Lab Sample ID: MB 580-276949/1-A

Matrix: Water

Analysis Batch: 277024

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 276949

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	ND		110		ug/L		06/21/18 12:38	06/22/18 09:43	1
Motor Oil (>C24-C36)	ND		350		ug/L		06/21/18 12:38	06/22/18 09:43	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
o-Terphenyl	86		50 - 150				06/21/18 12:38	06/22/18 09:43	1

Lab Sample ID: LCS 580-276949/2-A

Matrix: Water

Analysis Batch: 277024

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 276949

			Spike	LCS	LCS				
Analyte			Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)			2000	1570		ug/L		79	50 - 120
Motor Oil (>C24-C36)			2000	1800		ug/L		90	64 - 120
			LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits						
<i>o</i> -Terphenyl	84		50 - 150						

TestAmerica Seattle

QC Sample Results

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

TestAmerica Job ID: 580-78092-1

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

Lab Sample ID: LCSD 580-276949/3-A

Matrix: Water

Analysis Batch: 277024

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 276949

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2000	1460		ug/L		73	50 - 120	7	26
Motor Oil (>C24-C36)	2000	1810		ug/L		90	64 - 120	0	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	86		50 - 150

Lab Sample ID: 580-78092-27 MS

Matrix: Water

Analysis Batch: 277024

Client Sample ID: MW-70_20180613

Prep Type: Total/NA

Prep Batch: 276949

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	ND	F1 F2	2010	857	F1	ug/L		43	50 - 120		
Motor Oil (>C24-C36)	ND	F1 F2	2010	1170	F1	ug/L		58	64 - 120		

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl	58		50 - 150

Lab Sample ID: 580-78092-27 MSD

Matrix: Water

Analysis Batch: 277024

Client Sample ID: MW-70_20180613

Prep Type: Total/NA

Prep Batch: 276949

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	ND	F1 F2	2030	1410	F2	ug/L		69	50 - 120	49	26
Motor Oil (>C24-C36)	ND	F1 F2	2030	1680	F2	ug/L		83	64 - 120	36	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	83		50 - 150

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: C_20180613

Date Collected: 06/13/18 09:10

Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 16:32	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276481	06/16/18 21:46	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 10:43	T1W	TAL SEA

Client Sample ID: MW-2_20180613

Date Collected: 06/13/18 10:30

Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 16:59	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276481	06/16/18 22:16	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 18:17	W1T	TAL SEA

Client Sample ID: MW-9_20180613

Date Collected: 06/13/18 11:15

Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 17:25	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	276481	06/16/18 23:18	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 18:38	W1T	TAL SEA

Client Sample ID: MW-14_20180613

Date Collected: 06/13/18 09:50

Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 17:51	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276481	06/16/18 23:49	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 18:59	W1T	TAL SEA

Client Sample ID: MW-19_20180613

Date Collected: 06/13/18 08:10

Date Received: 06/14/18 11:15

Lab Sample ID: 580-78092-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 18:17	RSB	TAL SEA
Total/NA	Analysis	8260C	DL	50	276652	06/19/18 20:23	W1T	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.

TestAmerica Job ID: 580-78092-1

Project/Site: BP - OPLC - Allen Station

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	276481	06/17/18 00:20	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 19:19	W1T	TAL SEA

Client Sample ID: MW-20_20180613

Lab Sample ID: 580-78092-6

Date Collected: 06/13/18 10:50

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	276464	06/16/18 21:22	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276732	06/19/18 19:52	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 19:40	W1T	TAL SEA

Client Sample ID: MW-21_20180613

Lab Sample ID: 580-78092-7

Date Collected: 06/13/18 10:10

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 16:56	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	276816	06/20/18 18:17	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276481	06/17/18 01:21	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 20:21	W1T	TAL SEA

Client Sample ID: MW-39_20180613

Lab Sample ID: 580-78092-8

Date Collected: 06/13/18 11:35

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 17:21	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276866	06/21/18 14:14	D1R	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276769	06/20/18 13:44	CJ	TAL SEA

Client Sample ID: MW-41_20180612

Lab Sample ID: 580-78092-9

Date Collected: 06/12/18 14:30

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 18:34	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276732	06/19/18 20:22	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 11:03	T1W	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-43_20180612

Lab Sample ID: 580-78092-10

Date Collected: 06/12/18 15:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL2	50	276929	06/21/18 21:03	TL1	TAL SEA
Total/NA	Analysis	8260C		1	276673	06/19/18 18:59	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	276816	06/20/18 18:42	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276481	06/17/18 02:23	JCV	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 20:41	W1T	TAL SEA

Client Sample ID: MW-44_20180612

Lab Sample ID: 580-78092-11

Date Collected: 06/12/18 15:35

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 19:23	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	276816	06/20/18 19:31	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	276866	06/21/18 12:08	D1R	TAL SEA
Total/NA	Prep	3510C			276371	06/15/18 10:48	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276526	06/18/18 21:02	W1T	TAL SEA

Client Sample ID: MW-45_20180613

Lab Sample ID: 580-78092-12

Date Collected: 06/13/18 11:50

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 19:48	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	276816	06/20/18 20:21	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	276866	06/21/18 12:39	D1R	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 12:51	W1T	TAL SEA

Client Sample ID: MW-55_20180613

Lab Sample ID: 580-78092-13

Date Collected: 06/13/18 16:10

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 20:12	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276866	06/21/18 13:11	D1R	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 13:13	W1T	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-56_20180613

Lab Sample ID: 580-78092-14

Date Collected: 06/13/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL3	100	277151	06/23/18 13:51	D1R	TAL SEA
Total/NA	Analysis	8260C		1	276673	06/19/18 20:37	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	50	276816	06/20/18 20:46	W1T	TAL SEA
Total/NA	Analysis	8260C	DL	10	276816	06/20/18 21:10	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		100	276866	06/21/18 13:43	D1R	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 13:34	W1T	TAL SEA

Client Sample ID: MW-57_20180613

Lab Sample ID: 580-78092-15

Date Collected: 06/13/18 15:30

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 21:01	CJ	TAL SEA
Total/NA	Analysis	8260C	RA	1	276816	06/20/18 17:28	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/23/18 15:03	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 13:56	W1T	TAL SEA

Client Sample ID: MW-58_20180613

Lab Sample ID: 580-78092-16

Date Collected: 06/13/18 14:50

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 21:25	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/23/18 17:07	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 14:18	W1T	TAL SEA

Client Sample ID: MW-59_20180613

Lab Sample ID: 580-78092-17

Date Collected: 06/13/18 12:45

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 18:43	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 17:44	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 14:39	W1T	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-60_20180613

Lab Sample ID: 580-78092-18

Date Collected: 06/13/18 12:20

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 19:10	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 18:15	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 15:02	W1T	TAL SEA

Client Sample ID: MW-61_20180613

Lab Sample ID: 580-78092-19

Date Collected: 06/13/18 15:15

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 19:37	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 18:47	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276769	06/20/18 17:51	CJ	TAL SEA

Client Sample ID: MW-62_20180613

Lab Sample ID: 580-78092-20

Date Collected: 06/13/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 20:02	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 19:18	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276769	06/20/18 18:14	CJ	TAL SEA

Client Sample ID: MW-63_20180613

Lab Sample ID: 580-78092-21

Date Collected: 06/13/18 16:15

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276464	06/16/18 20:29	RSB	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 19:49	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276769	06/20/18 18:36	CJ	TAL SEA

Client Sample ID: MW-64_20180612

Lab Sample ID: 580-78092-22

Date Collected: 06/12/18 16:25

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 21:50	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 20:51	JCV	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-64_20180612

Lab Sample ID: 580-78092-22

Date Collected: 06/12/18 16:25

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 15:45	W1T	TAL SEA

Client Sample ID: MW-66_20180613

Lab Sample ID: 580-78092-23

Date Collected: 06/13/18 08:25

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 22:14	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	276816	06/20/18 21:35	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 21:22	JCV	TAL SEA
Total/NA	Prep	3510C			276638	06/19/18 09:32	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	276938	06/21/18 16:07	W1T	TAL SEA

Client Sample ID: MW-67_20180613

Lab Sample ID: 580-78092-24

Date Collected: 06/13/18 16:30

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	10	276652	06/19/18 17:46	W1T	TAL SEA
Total/NA	Analysis	8260C		1	276450	06/16/18 21:46	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277102	06/22/18 22:55	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 11:23	T1W	TAL SEA

Client Sample ID: MW-68_20180613

Lab Sample ID: 580-78092-25

Date Collected: 06/13/18 16:35

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276450	06/16/18 22:10	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/23/18 15:35	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 11:43	T1W	TAL SEA

Client Sample ID: MW-69_20180613

Lab Sample ID: 580-78092-26

Date Collected: 06/13/18 15:40

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276450	06/16/18 22:34	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/23/18 16:36	JCV	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: MW-69_20180613

Lab Sample ID: 580-78092-26

Date Collected: 06/13/18 15:40

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 12:03	T1W	TAL SEA

Client Sample ID: MW-70_20180613

Lab Sample ID: 580-78092-27

Date Collected: 06/13/18 15:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276450	06/16/18 23:23	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/24/18 01:53	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 12:23	T1W	TAL SEA

Client Sample ID: MW-71_20180612

Lab Sample ID: 580-78092-28

Date Collected: 06/12/18 16:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276450	06/16/18 22:58	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/23/18 17:38	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 13:43	T1W	TAL SEA

Client Sample ID: AG-WELL_20180613

Lab Sample ID: 580-78092-29

Date Collected: 06/13/18 16:40

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 23:28	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	277188	06/23/18 18:09	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 14:03	T1W	TAL SEA

Client Sample ID: Trip Blank-1

Lab Sample ID: 580-78092-30

Date Collected: 06/13/18 00:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 15:42	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276977	06/21/18 17:58	JCV	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Client Sample ID: Trip Blank-2

Lab Sample ID: 580-78092-31

Date Collected: 06/13/18 00:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 16:07	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276977	06/21/18 18:29	JCV	TAL SEA

Client Sample ID: Trip Blank-3

Lab Sample ID: 580-78092-32

Date Collected: 06/13/18 00:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276673	06/19/18 16:31	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276977	06/21/18 19:00	JCV	TAL SEA

Client Sample ID: Dup-1

Lab Sample ID: 580-78092-33

Date Collected: 06/13/18 08:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	276816	06/20/18 22:49	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276977	06/21/18 19:31	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 14:23	T1W	TAL SEA

Client Sample ID: Dup-2

Lab Sample ID: 580-78092-34

Date Collected: 06/13/18 06:30

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	276816	06/21/18 00:03	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	276977	06/21/18 20:02	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 14:43	T1W	TAL SEA

Client Sample ID: Dup-3

Lab Sample ID: 580-78092-35

Date Collected: 06/12/18 12:00

Matrix: Water

Date Received: 06/14/18 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	276929	06/21/18 22:21	TL1	TAL SEA
Total/NA	Analysis	8260C		1	276816	06/21/18 00:28	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		100	277188	06/23/18 18:40	JCV	TAL SEA
Total/NA	Prep	3510C			276949	06/21/18 12:38	JCM	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	277024	06/22/18 15:03	T1W	TAL SEA

TestAmerica Seattle

Lab Chronicle

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

TestAmerica Job ID: 580-78092-1

Laboratory References:
TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

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Accreditation/Certification Summary

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

TestAmerica Job ID: 580-78092-1

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	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Xylenes, Total

Sample Summary

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

TestAmerica Job ID: 580-78092-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-78092-1	C_20180613	Water	06/13/18 09:10	06/14/18 11:15
580-78092-2	MW-2_20180613	Water	06/13/18 10:30	06/14/18 11:15
580-78092-3	MW-9_20180613	Water	06/13/18 11:15	06/14/18 11:15
580-78092-4	MW-14_20180613	Water	06/13/18 09:50	06/14/18 11:15
580-78092-5	MW-19_20180613	Water	06/13/18 08:10	06/14/18 11:15
580-78092-6	MW-20_20180613	Water	06/13/18 10:50	06/14/18 11:15
580-78092-7	MW-21_20180613	Water	06/13/18 10:10	06/14/18 11:15
580-78092-8	MW-39_20180613	Water	06/13/18 11:35	06/14/18 11:15
580-78092-9	MW-41_20180612	Water	06/12/18 14:30	06/14/18 11:15
580-78092-10	MW-43_20180612	Water	06/12/18 15:00	06/14/18 11:15
580-78092-11	MW-44_20180612	Water	06/12/18 15:35	06/14/18 11:15
580-78092-12	MW-45_20180613	Water	06/13/18 11:50	06/14/18 11:15
580-78092-13	MW-55_20180613	Water	06/13/18 16:10	06/14/18 11:15
580-78092-14	MW-56_20180613	Water	06/13/18 16:00	06/14/18 11:15
580-78092-15	MW-57_20180613	Water	06/13/18 15:30	06/14/18 11:15
580-78092-16	MW-58_20180613	Water	06/13/18 14:50	06/14/18 11:15
580-78092-17	MW-59_20180613	Water	06/13/18 12:45	06/14/18 11:15
580-78092-18	MW-60_20180613	Water	06/13/18 12:20	06/14/18 11:15
580-78092-19	MW-61_20180613	Water	06/13/18 15:15	06/14/18 11:15
580-78092-20	MW-62_20180613	Water	06/13/18 16:00	06/14/18 11:15
580-78092-21	MW-63_20180613	Water	06/13/18 16:15	06/14/18 11:15
580-78092-22	MW-64_20180612	Water	06/12/18 16:25	06/14/18 11:15
580-78092-23	MW-66_20180613	Water	06/13/18 08:25	06/14/18 11:15
580-78092-24	MW-67_20180613	Water	06/13/18 16:30	06/14/18 11:15
580-78092-25	MW-68_20180613	Water	06/13/18 16:35	06/14/18 11:15
580-78092-26	MW-69_20180613	Water	06/13/18 15:40	06/14/18 11:15
580-78092-27	MW-70_20180613	Water	06/13/18 15:00	06/14/18 11:15
580-78092-28	MW-71_20180612	Water	06/12/18 16:00	06/14/18 11:15
580-78092-29	AG-WELL_20180613	Water	06/13/18 16:40	06/14/18 11:15
580-78092-30	Trip Blank-1	Water	06/13/18 00:00	06/14/18 11:15
580-78092-31	Trip Blank-2	Water	06/13/18 00:00	06/14/18 11:15
580-78092-32	Trip Blank-3	Water	06/13/18 00:00	06/14/18 11:15
580-78092-33	Dup-1	Water	06/13/18 08:00	06/14/18 11:15
580-78092-34	Dup-2	Water	06/13/18 06:30	06/14/18 11:15
580-78092-35	Dup-3	Water	06/12/18 12:00	06/14/18 11:15



Laboratory Management Program LaMP Chain of Custody Record

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BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☒

BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: Test America	BP/ARC Facility Address: 16292 Ovenell Road	Consultant/Contractor: Antea Group
Lab Address: Tacoma, WA	City, State, ZIP Code: Mt. Vernon WA 98421	Consultant/Contractor Project No: WAALLAA181.10123
Lab PM: Elaine Walker	Lead Regulatory Agency: WA Department of Ecology	Address: 4006 148th Avenue 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: WR321242/00BHW-0009	Phone: P: 425.498.7711 F: 425.869.1892
Lab Bottle Order No: NA	Accounting Mode: Provision <u>X</u> OOC-BU ☐ OOC-RM ☐	Email EDD To: <u>Megan.Richard@anteagroup.com</u>
Other Info: <u>elaine.walker@testamericainc.com</u>	Stage: APPRAISE (10) Activity: INTERIM MEASURES (123)	Invoice To: BP/ARC <u>X</u> Contractor ☐

BP/ARC EBM:				Matrix				No. Containers / Preservative						Requested Analyses										Report Type & QC Level				
EBM Phone:				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX									Standard	Y		
EBM Email:																									Full Data Package		_____	
Lab No.	Sample Description	Date	Time																						Comments			
				Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.																								
	MW-61_20180613	6-13-18	1515	X			8				8			X	X	X												
	MW-62_20180613	6-13-18	1600	X			8				8			X	X	X												
	MW-63_20180613	6-13-18	1615	X			8				8			X	X	X												
	MW-64_20180612	6-12-18	1625	X			8				8			X	X	X												
	MW-66_20180613	6-13-18	0825	X			24				24			X	X	X										MS/MSD		
	MW-67_20180613	6-13-18	1630	X			8				8			X	X	X												
	MW-68_20180613	6-13-18	1635	X			8				6			X	X	X												
	MW-69_20180613	6-13-18	1640	X			8				6			X	X	X												
	MW-70_20180613	6-13-18	1500	X			24				24			X	X	X										MS/MSD		
	MW-71_20180612	6-12-18	1600	X			8				8			X	X	X												

Sampler's Name: <u>TR, ES, FS</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>6/14/18</u>	Time: <u>1115</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>6/14/18</u>	Time: <u>1115</u>
Sampler's Company: Antea Group						
Shipment Method: <u>COURIER</u> Ship Date: <u>6-14-18</u>						
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
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Laboratory Management Program LaMP Chain of Custody Record

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BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☒

BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: <u>Test America</u>	BP/ARC Facility Address: <u>16292 Ovenell Road</u>	Consultant/Contractor: <u>Antea Group</u>
Lab Address: <u>Tacoma, WA</u>	City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>	Consultant/Contractor Project No: <u>WAALLAA181.10123</u>
Lab PM: <u>Elaine Walker</u>	Lead Regulatory Agency: <u>WA Department of Ecology</u>	Address: <u>4006 148th Avenue 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>WR321242/00BHW-0009</u>	Phone: <u>P: 425.498.7711 F: 425.869.1892</u>
Lab Bottle Order No: <u>NA</u>	Accounting Mode: <u>Provision X OOC-BU OOC-RM</u>	Email EDD To: <u>Megan.Richard@anteagroup.com</u>
Other Info: <u>elaine.walker@testamericainc.com</u>	Stage: <u>APPRAISE (10)</u> Activity: <u>INTERIM MEASURES (123)</u>	Invoice To: <u>BP/ARC X</u> Contractor _____

BP/ARC EBM:				Matrix				No. Containers / Preservative						Requested Analyses										Report Type & QC Level																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Sampler's Name: <u>TR, ES, ES</u>	Relinquished By / Affiliation: <u>[Signature] / ANTEA</u>	Date: <u>6-14-18</u>	Time: <u>1115</u>	Accepted By / Affiliation: <u>[Signature] / T.A.S.F.A</u>	Date: <u>6-14-18</u>	Time: <u>1115</u>
Sampler's Company: <u>Antea Group</u>						
Shipment Method: <u>COUPLES</u> Ship Date: <u>6-14-18</u>						
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
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Therm. ID: A2 Cor: 1.7 ° Unc: 1.6 °
Cooler Dsc: Lrg Blue
Packing: Bubble FedEx:
Cust. Seal: Yes No X UPS:
Wet/Packs/Dry Ice/None Lab Cour: X
Other: _____

Therm. ID: A2 Cor: 1.8 ° Unc: 1.7 °
Cooler Dsc: Lrg Blue
Packing: Bubble FedEx:
Cust. Seal: Yes No X UPS:
Wet/Packs/Dry Ice/None Lab Cour: X
Other: _____

Therm. ID: A2 Cor: 1.8 ° Unc: 1.7 °
Cooler Dsc: Lrg Blue
Packing: Bub FedEx:
Cust. Seal: Yes No X UPS:
Wet/Packs/Dry Ice/None Lab Cour: X
Other: _____

Therm. ID: A2 Cor: 3.3 ° Unc: 3.2 °
Cooler Dsc: Lrg Blue
Packing: Bub FedEx:
Cust. Seal: Yes No X UPS:
Wet/Packs/Dry Ice/None Lab Cour: X
Other: _____

Therm. ID: A2 Cor: 2.0 ° Unc: 1.9 °
Cooler Dsc: Lrg Red
Packing: Bub FedEx:
Cust. Seal: Yes No X UPS:
Wet/Packs/Dry Ice/None Lab Cour: X
Other: _____

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 580-78092-1

Login Number: 78092

List Source: TestAmerica Seattle

List Number: 1

Creator: Gall, Brandon A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
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	